

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.09

JOHNSON &
MUSSEY

SEED
CO'S

CATALOGUE

OF

RELIABLE
SEEDS.

1899

SCHSOLTZIA "GOLDEN WEST"

CALIFORNIA GIANT
SWEET PEAS.

113

NORTH MAIN ST.

LOS ANGELES, CAL.



CONTENTS.

| | PAGE. | | PAGE. |
|--|-------|---|-------|
| Bird Seeds..... | 29 | Implements and Tools..... | 46-56 |
| Bulbs..... | 36 | Insecticides..... | 35 |
| Clover and grass seeds..... | 32 | Lawn Grass Seed..... | 34 |
| Cow Peas..... | 31 | Lawn Mowers..... | 55 |
| Cultivators..... | 46 | Miscellaneous Seeds..... | 29 |
| Farmers' Sundries..... | 50 | Novelties..... | 2-8 |
| Fertilizers..... | 55 | Nursery Department..... | 57-72 |
| Field Seeds..... | 30-33 | Orchard Requisites..... | 51-54 |
| Flower Seeds, alphabetically arranged..... | 37-44 | Palm Seeds..... | 45 |
| Forges..... | 49 | Plows..... | 47 |
| Garden Requisites..... | 51-54 | Potatoes..... | 30 |
| Garden Hose..... | 56 | Seed Drills..... | 48 |
| Grain..... | 30 | Tables, useful (cover)..... | 3 |
| Harrows..... | 47 | Tree and Shrub Seeds..... | 45 |
| Herbs..... | 29 | Vegetable Seeds, alphabetically arranged..... | 9-29 |
| Hyacinths..... | 36 | Vetches..... | 31 |

California Giant Sweet Peas.

(See illustration on first page of cover).

The largest, freest-blooming, most beautiful Sweet Peas in the world. A superb mixture of twenty-five grand varieties, comprising all imaginable colors and combinations of colors.

| | |
|--|-----|
| Per ounce by mail, prepaid..... | 10c |
| Per $\frac{1}{4}$ -pound by mail, prepaid..... | 25c |



Eschscholtzia "Golden West."

(See illustration on first page cover).

This new variety is described by the introducer as follows: "A development from Eschscholtzia Maritima, of which it may be described as a giant form, as the flowers measure from four to six inches in diameter, and have large overlapping petals, often delicately waved at the edges. They are beautifully and variously formed—some being flat, others saucer-shaped, and others very deep and fluted. Words are inadequate to describe the wondrous beauty of these magnificent flowers; their intense and shining color, immense size, and lovely form calls forth the most enthusiastic expressions of admiration."

Per Packet..... 10c.

The Johnson & Musser Seed Co.
113 N. Main St., LOS ANGELES, CAL.

Date.....189..... Amount Enclosed, \$.....

[illegible]

Total. : : : : \$.....

To our Friends and Customers:



WE have aimed to make this Catalogue a valuable and trustworthy guide for all amateur and professional gardeners in Southern California, Arizona, and the Great Southwest generally, where nine-tenths of our patrons reside. No one unfamiliar with this section and its climatic peculiarities is competent to advise our farmers, and hence the directions given in eastern catalogues and books are of no avail.

We need not pause to praise the quality of our seeds. Their merits are too well known to require self-laudation. It is sufficient to know that thousands have found, and are willing to testify that the Johnson & Musser Seed Co's Reliable Seeds are the best that grow, and that they will plant no others.

Hoping to receive your continued patronage, we are,

Yours very truly,

Johnson & Musser Seed Co.

LOS ANGELES, Cal., January, 1899.

Please Read Carefully.

□□□□□□

How to Order.—Please be careful to sign your *Name, Postoffice, County and State* in every letter sent us. Cash or satisfactory reference must accompany the order. Money may be remitted by postoffice or express order, bank draft or check. We will accept postage stamps on orders not to exceed \$1.

Postage Prepaid.—We prepay postage at prices quoted in this Catalogue on all flower and vegetable seeds, except peas, beans, corn, and sugar beets. When ordering these add 10c per pound additional for postage.

Premiums.—Do not forget that for every \$1 remitted for seeds in packets and ounces you can order 25c worth extra. Thus, for \$1 remitted, order \$1.25 worth; for \$2 remitted, order \$2.50 worth, and so on. *This applies to packets and ounces only.*

Packet Seeds.—Our packet seeds, both vegetable and flower, are large and well filled, and should not be compared with the half-size, poorly-filled commission seeds which have no doubt been traveling for years from one end of this country to the other.

Prices of Grass and Clover Seeds, Seed Oats, Seed Potatoes.—Quotations on these and other field seeds are constantly fluctuating. The prices given in this catalogue are those ruling at the time this is issued, viz: January 1. We will take pleasure in quoting lowest prices and also in mailing samples. When writing for this information, always state the quantities you expect to require.

Nursery Department.—We wish to call particular attention to this department, as it is a new departure with us. We have formed a connection with Messrs. Howard & Smith, the reliable nurserymen of Los Angeles, and are thus enabled to furnish our customers with the choicest plants. For further particulars see pages 57 to 72 inclusive.

NOVELTIES

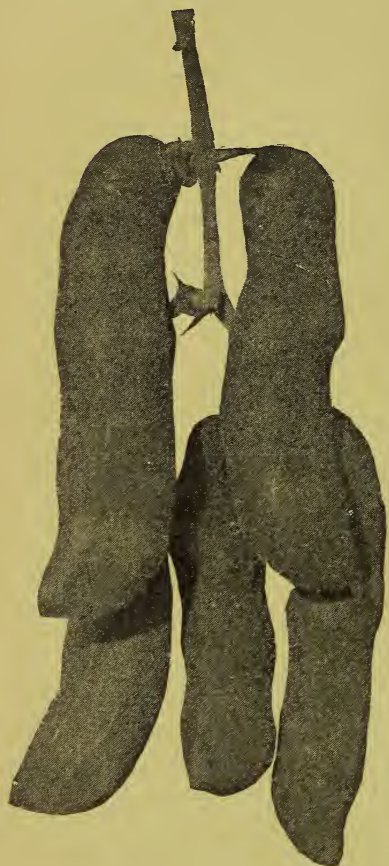
AND

VARIETIES OF SPECIAL MERIT

Velvet Beans

This new bean, a native of Brazil, has only been cultivated in this country for 3 or 4 years. It was first introduced into the far South, where its enormous growth soon attracted general attention, and its possibilities as a forage crop and soil improver were at once recognized. It has been generally tested in nearly all of the Southern States, and experienced agriculturists have become enthusiastic over its possibilities. The greatest value of the Velvet Bean, as so far evidenced, is in the enormous mass of vegetable matter which it produces, which is rich in nitrogen, making it a most valuable soil-improving crop.

Its value to this section will be as a green fertilizer for turning under in orchards. It has already been grown here for this purpose with gratifying results. If planted between trees, sow 60 pounds to the acre. Per lb 10c, per 100 lbs \$7.50.

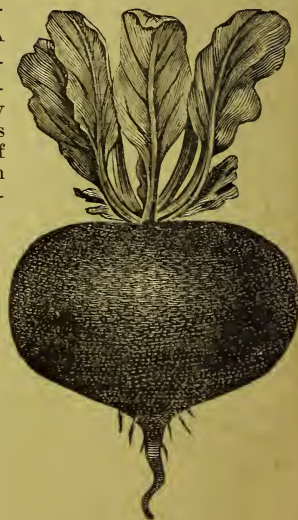


THE VELVET BEAN.

A New Beet.

QUEEN OF THE BLACKS.

A new variety originating in Holland. A beautiful, smooth, extra early beet, and darker in color than any other sort. The flesh is fine-grained and free of woodiness even when fully matured. Per packet 5c, oz 10c, lb 75c.



QUEEN OF THE BLACKS.

CAULIFLOWER

CALIFORNIA MAMMOTH MARKET.

A distinct variety which has long been grown in preference to any other sort by our Chinese gardeners. In fact they have only resorted to other varieties when out of this. They have jealously guarded their source of supply, and it was only recently that through our close friendship for one of them we were enabled to obtain a limited quantity of the seed. It is a very large, hardy variety of good quality, and seems to stand shipment better than any other sort. No other Cauliflower stands our long dry season so well. Per packet 10c, per oz 75c, per lb \$7.50.

CALIFORNIA CELERY SEED

IS THE

BEST IN THE WORLD



A FIELD OF SELECTED WHITE PLUME CELERY.

We wish to call the attention of celery growers to the fine quality of celery seed offered by us. Over 900 acres of celery were planted in Southern California last season; this year the acreage will no doubt be increased to over 1000 acres. In so large an industry the importance of good seed is not to be overestimated. Our

SELECT WHITE PLUME CELERY SEED

□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

has given universal satisfaction and will well repay a trial. Per oz 15c, per lb \$1.50.



White Pearl Egg Plant

The fruit has a pure white skin, is beautiful in shape and as large or larger than the purple. The plants are enormously productive. Fine in quality and delicate in flavor; good either baked or fried. Per packet 10c, per oz 40c, per lb \$4.

A REMARKABLE NEW LETTUCE ————— ❧❧

“WONDERFUL”



HEAD OF "WONDERFUL" LETTUCE.

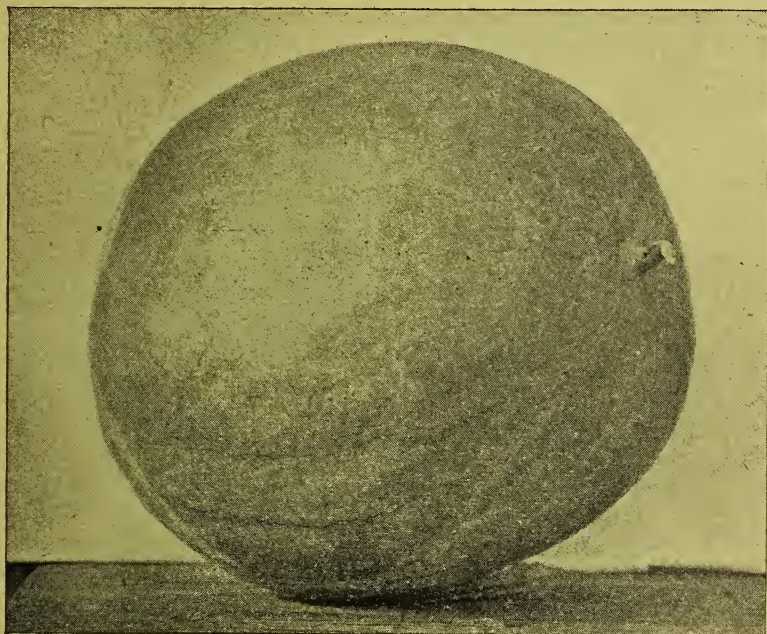
Tested by us last season and found to be a distinct and superior variety. The introducer says of it: "It is the *largest heading lettuce* we have ever seen, having been grown to *six pounds in weight*; the average size, however, with ordinary culture, is from 2 to 3 pounds. The heart is very solid, of pale green color, very tender and crisp, and without the slightest trace of the bitterness found in the majority of lettuces. As an example of its 'standing' properties, perfect lettuces were cut from the same bed for upwards of seven weeks during the past hot and dry season. For exhibition purposes and for out door growth for marketing this variety stands unrivalled." Per packet 5c, per oz 10c, per lb \$1.25.



California Beauty Muskmelon

A new, large, round melon, heavily netted. Very early. The flesh is bright green in color, very thick, and of a delicious flavor. We have only a limited quantity of the seed to offer this season. Per packet 5c, per oz 10c, per lb 75c.

THE PERFECT EXTRA EARLY WATERMELON

Augusta
Round White

AUGUSTA ROUND WHITE WATERMELON.

We obtained a limited quantity of this seed last season which we distributed among our customers. The result has proven the Augusta Round White to be all the introducer claims for it.

It is the earliest melon grown, being three weeks ahead of any known variety.

It is the largest early melon, averaging 30 pounds in weight, many specimens being much heavier.

In flavor it is second to none; the flesh is a deep, rich red color, and remarkably solid.

Its handsome, uniform appearance make it an ideal market melon, hence it invariably commands a fancy price.

Per packet 5c, per oz 10c, per lb 75c.



ATRIPLEX HALIMONDES.

It grows readily in the rank-est alkali soil, and is more palatable to all kinds of stock than the older variety. Horses eat it with great relish. It does not require as much water and can be easily cut with a mower. Produces a heavy crop. The seed is very light in weight, and this year we can only offer it in small packages for experimental purposes. Per packet 25c.



ATRIPLEX SEMIBACCATUM.

This is the common Salt Bush. Will grow on any soil and has solved the problem of utilizing our alkali land. Will grow in the strongest black or white alkali soil and produce an abundance of nutritious fodder, relished by all kinds of stock.

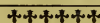
Sow in beds in March and April and transplant about the first of June. Set plants 7 or 8 feet apart each way. To make a pasture for grazing, do not cut the first year, but let the seed fall and sod the ground. One pound of seed will furnish plants for an acre. Per oz 10c, per lb \$1.

AUSTRALIAN SALT BUSH

We are the largest growers and exporters of Salt Bush Seed in the United States.

This season we introduce to our customers a new Salt Bush (*Atriplex Halimoides*) which we have named

The Sweet Salt Bush



Pre-Historic Corn

After Laying Buried 3,000 years the Seed of this Corn is Discovered and Gives to the Present Generation the Best Connecting Link with the People who Inhabited our Country in the Distant Past.

PRODUCES 2 TO 11 EARS TO A STALK.

Averages four Good Ears Under Favorable Conditions. Capable of Yielding

**250 BUSHELS
PER ACRE.**

The introducer says of it: "In giving a history of this corn we must go back in the far distant past, beyond the point where history, as now preserved, began, and by the remains that are frequently unearthed we find unmistakable evidences of a vast population that swarmed over the country, and by the articles of their handiwork and hieroglyphical writings we learn that they were engaged extensively in agricultural pursuits, manufactures and commerce.

We are indebted to their belief, that after death the person needed food to sustain him and implements of warfare to hunt with while on his long journey to the beyond, hence they buried corn, arrows and other articles with the corpse. There are hundreds of burial mounds scattered over the country, plainly in view today, from some of which carloads of ancient relics have been taken.

The pottery is absolutely imporous and indestructable by corrosion. Com-

posed of ground mussel shells, clay, cements, lime and an imperishable mineral, nothing that will more effectually defy the destroying hand of time can be conceived of. Dig up one of the vessels from underneath a mass of decayed human remains from any depth; wash it and it appears as bright and fresh as if it just came from the moulder's hand. At Marked Tree, Ark., in such a vessel, safely sealed,



amidst the decayed dust of human remains, placed there at least 3,000 years ago, fifteen feet under ground, the mound having arisen by successive layers of human remains, pottery, broken implements and earth, this corn was found. Here it had lain in perfect preservation, while the thousands of years rolled by, turning to earth again all human remains. Considering the composition of the vessel, the air expelled and it securely sealed, we have the perfect condition for preservation. This is not the only case where corn has been found in a burial mound. It has been found in Ohio, Utah and other States, but never before was a grain found that would germinate."

Rev. Dr. E. S. Currey, the discoverer, says: "The pre-historic corn has been grown on my farm in Missouri, successively for eight years. The prevailing color is a beautiful dark bronze, gliding to a light bronze. I have raised stalks 15 feet high, the blades 7 inches broad and 10 feet 5 inches from tip to tip on opposite sides of the stock, and 11 ears on the stock. It is a wonderful deep feeder, willingly and from choice sending its roots to the subsoil, and thrusting its roots down deeper during a drought. This year on the same kind of land, the stalks and numerous blades it bears remained green through six weeks of the most excessive drought, with hot winds, while the common corn perished the second week."

(From the L. A. Evening Express.)

PREHISTORIC CORN.

Grown From Seeds Found in Aztec Mounds.

Some corn with an ancestry has been placed in the exhibit hall of the Chamber of Commerce. A few years ago some grains of corn were found in a sealed olla in the Aztec mounds of Missouri. These were planted in various parts of the country and found to possess the virtue of growing in the driest and poorest of soil, bearing well and proving an excellent forage crop. This is the second season it has been tried and that now sent to the chamber was raised by T. P. Herbert of Santa Anita. The ears begin nine feet above the ground. The advantages of this

variety of corn are so apparent that the Johnson & Musser Seed Company has agreed to take all that Mr. Herbert can raise. This firm sent some of the seed to Pennsylvania and have received word that stepladders had to be used to reach the corn."

We have a limited quantity of this corn which we offer at 25c per lb. By mail 35c per lb.

California Mammoth Perfection Cosmos.



TYPES OF MAMMOTH PERFECTION COSMOS, ONE-QUARTER SIZE.

This is the finest Cosmos in the world. The flowers measure from $3\frac{1}{2}$ to $4\frac{1}{2}$ inches in diameter, and include all the beautiful Cosmos tints from pure white to deepest crimson.

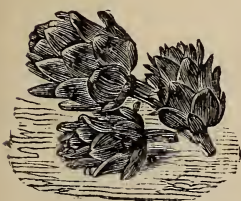
| | | | | PER PKT | PER OZ |
|---|--|--|--|---------|--------|
| Mammoth Perfection Cosmos, mixed colors | | | | 10c | 50c |
| " " " pure white..... | | | | 10c | 50c |
| " " " light pink..... | | | | 10c | 40c |
| " " " carmine..... | | | | 10c | 60c |
| " " " new fringed Marguerite..... | | | | 10c | 75c |

Three packets of the above by mail, prepaid, for 25c.

General List of Vegetable Seeds.

In the list following, we mention only those standard varieties which have been found by long experience to thrive best in this section. All others have been purposely omitted, as their use would but disappoint our customers. The directions for culture here given are applicable only to Southern California, Arizona, Mexico, and other semi-tropical localities.

All vegetable seeds supplied in five-cent packets.



GLOBE ARTICHOKE

ARTICHOKE.

The Globe Artichoke is cultivated for its flower heads, which are cooked like asparagus. Plants set in any good garden soil 2 feet apart will remain in bearing a long time.

Large Green Globe.—The standard variety. Per oz 25c, $\frac{1}{4}$ lb 75c, per lb \$2.50

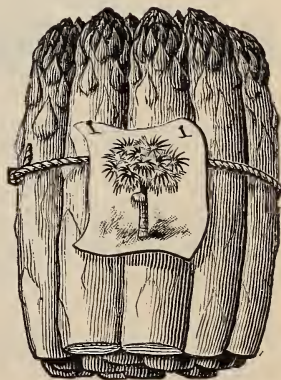
ASPARAGUS.

CULTURE.—One ounce for 60-foot row. Soak seed for 24 hours in warm water, and sow thinly in rows 1 foot apart. Thin out seedlings to 4 inches in rows. When the roots are one year old, prepare a bed of manure and soil about 2 feet deep. Set out roots 6 inches below the surface, and 12 inches apart. Plant in early Spring, from January to April. In the Fall, dress with manure and salt after tops are cut.

Palmetto.—Rapid grower; immense stalks; keeps well. Per oz 10c, per lb \$1.

Conover's Colossal.—Of large size and great productiveness. Per oz 10c, per lb 40c.

Columbian Mammoth White.—Furnishes white shoots without artificial blanching. Per oz 10c, per lb \$1.



PALMETTO ASPARAGUS.

BEANS — WAX OR YELLOW POD.

VENTURA WONDER WAX.—This is the absolute perfection of wax beans. Pods are long, straight, oval, and transparently white, often growing to a length of nine inches. Entirely stringless and of fine flavor. It is more productive than any other wax bean, and the bush is extremely hardy. Per lb 15c, per 100 lbs \$10.

Wardell's Kidney Wax.—One of the earliest wax beans, very brittle and stringless. Per lb 15c, per 100 lbs \$10.

Improved Golden Wax.—The standard sort for main crop. Pods long and stringless. Per lb 10c, per 100 lbs \$7.



Black Wax.—Tender, yellow waxy pods, an old favorite. Per lb 10c, per 100 lbs \$7.

Scarlet Flageolet Wax.—An excellent golden-podded dwarf bean. The pods are large and borne profusely, and are stringless, tender, and of fine flavor. Per lb 15c, 100 lbs \$10.

BEANS — BUSH OR SNAP.



CULTURE.—Beans can be sown for succession from the end of February to October. One pound plants 100 foot row. Drop 1 bean every 2 or 3 inches in rows 18 inches apart. Cover 2 inches deep.

Long Yellow Six Weeks.—Very hardy and extremely early, The most popular variety in this section. Per lb 10c, per 100 lbs \$6.

Canadian Wonder.—The most productive of all. Very showy, an excellent bean for main crop. Per lb 10c, per 100 lbs \$8.

Early Mohawk.—An old standard sort, very hardy. Per lb 10c, per 100 lbs \$7.

Early Refugee.—A favorite for canning and pickling. Per lb 10c, per 100 lbs \$7.

Improved Red Valentine.—An improvement on an old favorite, the Early Red Valentine, being 10 days earlier and more prolific, yet retaining all its good points. Per lb 10c, per 100 lbs \$7.

Burpee's Bush Lima.—A perfect dwarf Lima bean. Quality equal to any pole variety. Per lb 10c, per 100 lbs \$8.

POLE BEANS.

CULTURE.—Plant from March to July, in hills 3 feet each way, 4 or 5 beans to a hill. One pound will plant 75 hills, 30 lbs one acre.

Kentucky Wonder.—Very early and enormously productive. The best green-podded pole bean. Per lb 10c, per 100 lbs \$8.

Creaseback.—Pods round, stringless, and of excellent quality. Per lb 10c, per 100 lbs \$8.

Tall German Black Wax.—Yellow pods, richly flavored, stringless. Per lb 10c, per 100 lbs \$8.

White Dutch Case Knife.—Very early and productive. Good either as a string or shell bean. Per lb 10c, per 100 lbs \$8.

Horticultural or Cranberry.—An old favorite for string or dried bean. Per lb 10c, per 100 lbs \$8.

Large White Lima.—The best shell bean known, either green or dried. A splendid productive sort. Per lb 10c, per 100 lbs \$7.

King of the Garden Lima.—Beans of unusual size, quality, perfect. Per lb 10c, per 100 lbs \$9.

BEETS—TABLE.

CULTURE.—Sow from January to September in drills 18 inches apart, 1 inch deep. Thin plants afterwards to 6 inches apart. One ounce of seed will plant a 75-ft. row.

QUEEN OF THE BLACKS.—A superior new variety. For description see Novelties, page 2. Per oz 10c, per lb 75c.

Extra Early Egyptian Turnip.—The best first early; color deep red; crisp and tender. Per oz 10c, per lb 50c.

Eclipse.—Very small top; smooth, fine-grained and tender; color bright red; very early. Per oz 10c, per lb 40c.

Early Blood Turnip.—Extra early, of deep, large growth; flesh very tender, and retains its blood-red color when cooked. Per oz 10c, per lb 40c.

Edmund's Early Turnip.—One of the most uniform of all turnip beets; very tender and sweet; skin deep red; flesh dark red. Per oz 10c, per lb 50c.

Long Dark Blood.—Long, smooth, growing to good size; color, dark blood-red; top small, of upright growth. Per oz 10c, per lb 40c.

White Swiss Chard.—Grown for its leaves only. One of the best early greens. Per oz 10c, per lb 40c.



EDMUND'S BLOOD TURNIP BEET.

MANGEL WURZELS AND SUGAR BEETS

CULTURE.—May be sown from October to May, in drills 2½ feet apart. Thin out to stand 1 foot apart in the rows. Keep well cultivated; 5 pounds of Mangel or 10 pounds of Sugar beet seed will plant an acre.

Mammoth Long Red Mangel.—Heaviest cropping and best long Mangel. Per lb 15c, per 100 lbs \$10.

Golden Tankard Mangel.—Contains less water and more sugar than any other Mangel. Rich in milk-producing qualities, and hence a favorite with dairymen. Per lb 15c, per 100 lbs \$11.

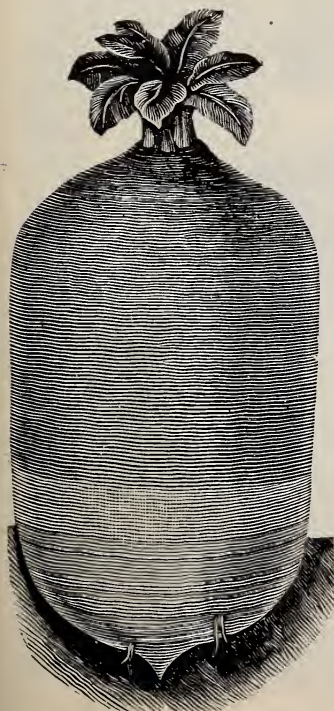
Lane's Imperial Sugar.—The heaviest cropping Sugar Beet, and the most profitable for stock farmers. Per lb 15c, per 100 lbs \$11.

Vilmorin's Improved Sugar.—One of the richest and best varieties, both for the manufacture of sugar and for stock feeding. Per lb 15c, per 100 lbs \$11.

Klein Wanzleben.—This variety is without question the best in cultivation; not the largest in size, but the richest in saccharine matter. Per lb 15c, per 100 lbs \$11.

Improved Imperial White Sugar.—An improvement on the large varieties of Sugar Beets; hardy and more sugary. Per lb 15c, per 100 lbs \$11.

If by mail add 10c per lb to above prices.



GOLDEN TANKARD MANGEL.

All vegetable seeds supplied in five-cent packets.

CABBAGE.

HOLLANDER CABBAGE.

EARLY WINNIGSTADT, IMPROVED QUEDLINBURG Strain

—A superb strain of this popular cabbage, and one that has given perfect satisfaction to our market gardeners for the last three years. Sure to head hard and solid. If desired we can give numbers of good references as to great superiority of this seed, which is sold in this city only by ourselves. Per oz 20c, per lb \$2.



WINNIGSTADT CABBAGE.

Early Jersey Wakefield.—

A popular first early sort with Eastern gardeners. Does not do so well here as the Winnigstadt. Per oz 20c, per lb \$2.

Fottler's Improved Drumhead.—The earliest of the large Drumheads. Per oz 15c, per lb \$1.50.

Premium Large Late Flat Dutch.—The standard sort for late crop. A hard, sure header. Per oz 10c, per lb \$1.

American Drumhead Savoy—The best of all the Savoy. Short stump, large size, solid. Per oz 10c, per lb \$1.25.

Improved Red Drumhead.—Heads round in shape, of deep color and remarkably hard and solid. Per oz 15c, per lb \$1.50

CULTURE.—The ground must be highly manured, deeply dug and plowed, and thoroughly worked to insure good, full-sized heads. Seed of early varieties may be sown from June to the following February; late varieties from March to July. As soon as plants are large enough, transplant in open ground, 18 inches by 2 feet apart. One ounce will produce 3000 plants; $\frac{1}{4}$ pound of seed is sufficient for an acre.

Hollander.—The heads of this valuable new sort are of medium size, very solid and deep, averaging 8 pounds of a fine white color, making them entirely distinct from any other strain. Per oz 30c, per lb \$3.

All Seasons.—An early Drumhead variety, producing heads of good size. In richness of flavor it is unsurpassed. Per oz 15c, lb \$1.50.

Winnigstadt.—Heads large, conical; leaves are bright grassy green. A sure heading variety, valuable not only for early use, but as a winter cabbage. Per oz 10c, per lb \$1.25.

Early York.—Very early. Small heart-shaped heads. Per oz 10c, per lb \$1.

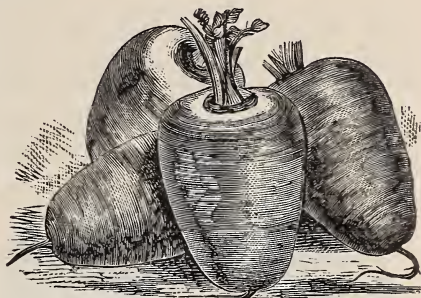


PREMIUM LATE FLAT DUTCH CABBAGE.

CARROTS.

CULTURE.—May be sown all the year round. Till the soil deeply and manure heavily. Cover seed from $\frac{1}{2}$ to 1 inch in depth. Sow in drills 15 inches apart and thin out to 4 or 5 inches apart in the rows; $2\frac{1}{2}$ pounds of seed will sow an acre, $\frac{1}{2}$ ounce to 100 feet of drill.

Guerande or Ox-Heart.—Beautiful shape and color. It is extra fine in quality and very productive. Per oz 10c, per lb 60c.



GUERANDE OR OX HEART.

Early French Forcing.—A small sort, but desirable on account of its extra early habit. Per oz 10c, per lb 75c.

Danvers.—The roots are smooth and of a rich, dark orange color. One of the best sorts for a main crop. Per oz 10c, per lb 60c.

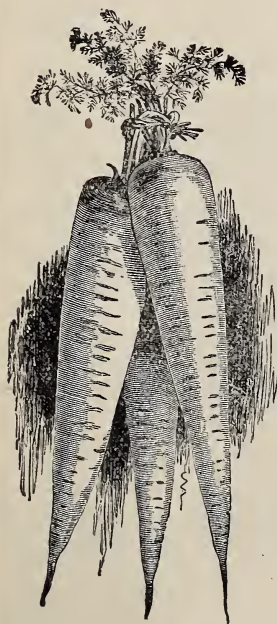
Chanteney.—Flesh a deep golden orange color. Always smooth and fine in texture, very tender. Per oz 10c, per lb 60c.

Long Red Coreless.—Grows from 12 to 16 inches in length. Rich red color. Per oz 10c, per lb 60c.

Improved Long Orange.—A deep orange colored variety, equally adapted for garden or farm culture. Per oz 10c, per lb 55c

Large White Belgian.—Is raised exclusively for stock. Grows to a very large size; is easily gathered. Per oz 10c, per lb 40c.

Large Yellow Belgian.—Is similar to the above, but a light orange color; said to be richer. Per oz 10c, lb 40c.



LONG ORANGE CARROT

CHICKORY.

Common or Wild.—This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June, the roots are transplanted in autumn into sand in the cellar; the shoots, which will come up soon, form the "Barbe de Capucin." Per oz 10c, per lb \$1.

Large Rooted.—Used to mix with, or as a substitute for coffee. Cultivate same as the carrot. Per oz 10c, per lb 90c.

It pays to do business with progressive people; we sell only seeds that grow, as proved by careful soil tests.

All vegetable seeds supplied in five-cent packets.

CAULIFLOWER.

CULTURE.—Prepare the soil as for cabbage. Seed may be sown from June to following April. Set out the plants 2 feet by 15 inches apart. Cauliflower should be kept growing constantly, as it may be injured by a check at any period of its growth, hence irrigate freely. One ounce of seed produces 2,000 plants, 4 ounces to the acre.

CALIFORNIA MAMMOTH MARKET.—Has no superior as a shipping sort. For description see Novelties on page 2. Per pkt 10c, per oz 75c, per lb \$7.50.



IMPROVED ALGIERS

Improved Algiers.—The best late sort. Sure heading. We think it the best variety for main crop in this section; it has proven popular with market gardeners for eastern shipment. Per pkt 10c, per oz \$1, per lb \$10.

Henderson's Early Snowball.—Very early and one of the surest to head. It has long been the standard sort. Per pkt 25c, per oz \$2.

Extra Early Erfurt.—Very dwarf, with solid white heads of superior quality. Per pkt 20c, per oz \$2.

Lenormand's Short Stem.—A large late variety with well-formed heads of extra quality. Per pkt 10c, per oz 65c, lb \$6.50.

Autumn Giant.—Heads large, firm and compact and thoroughly protected by foliage. Per pkt 5c, per oz 60c, per lb \$6.

CHERVIL.

Curled.—While young and tender, used as a salad and for seasoning soups, etc. Of a pleasant aromatic taste. Sow in drills one foot apart and half an inch deep, thinning out to stand one foot apart in the rows. Per oz 10c, per lb \$1.

COLLARDS.

Georgia or Silver.—Grown extensively in the South for greens; a sure and easy crop. Per oz 10c, per lb \$1.

CRESS OR PEPPER GRASS.

CULTURE.—Sow the Curled Cress at intervals early in the spring in shallow drills 12 inches apart. Cress requires a rich soil. The Water Cress should be sown in the spring along the edge of irrigation ditches, flowing streams, or where sufficient moisture is afforded. Only one sowing is necessary, as it reseeds itself and increases rapidly.

Curled.—When used as a small salad, like lettuce, the leaves impart a warm, pungent taste. Per oz 10c, per lb 40c,

Water Cress.—One of the most delicious of small salads, and should be grown in every garden where sufficient water or a wet soil is available. Always in demand in the city markets. Pkt 10c, oz 30c.

CELERY.

CULTURE.—Sow seed from February to May in the open ground. Cover very lightly. When the plants are 5 or 6 inches high, transplant in rows 3 or 4 feet apart and 6 inches apart in the rows. Cultivate well and when large enough blanch by earthing up. An ounce of seed will produce 3,000 plants.

Selected White Plume.—More largely grown than all other varieties combined. Its stalk, inner leaves and heart are naturally white, so that simply tying or drawing the soil up against the plant and pressing it is all the work or blanching required. This seed is always grown in California, no matter by whom it is offered. Per oz 15c, per lb \$1.50.

PINK PLUME CELERY.—The "Pink Plume" is practically identical with "White Plume," but with the added merit of the stalks being exquisitely suffused with pink, and possessing a rich nutty flavor and long-keeping qualities, for which red celeries are noted. "Pink Plume" is also remarkably attractive when trimmed for the table. The solid, succulent stalks are ivory-white, suffused with dainty pink, which not only delight the eye, but tempt the palate of an epicure. Per oz 20c, per lb \$2.

Golden Self-Blanching.—Not unlike the "White Plume." Tender, crisp, and solid. Per oz 15c, per lb \$1.50.

Dwarf Golden Heart.—Large solid heart of waxy-golden color. Per oz 15c, per lb \$1.25.

Giant Pascal.—Good quality, immense stalks. One of the best keepers. Per oz 15c, per lb \$1.50.

Dwarf White Solid.—Dwarf, white, of stiff, close habit; solid, crisp and juicy. Said to keep in good order later in the season than any other variety. Per oz 15c, per lb. \$1.50.

Flavoring Celery (Old Seed).—Used for flavoring soups, pickles, etc. Per oz 5c, per lb 40c.

CELERIAC—TURNIP-ROOTED CELERY

Sow the seed in the same way that celery seed is sown. Transplant in rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots. May be cooked or used as a salad.

Apple-Shaped.—An early smooth variety. The roots are shaped like an apple; of good flavor. Per oz 15c, per lb \$1.25.

Giant Smooth Prague.—A very large and smooth variety, free from side roots. A desirable sort for market, and an excellent keeper. Per oz 15c, per lb \$1.50.



PINK PLUME CELERY.

CORN — SWEET.

CULTURE.—Plant from March to June, in drills $3\frac{1}{2}$ feet apart and 12 inches apart in the rows. A pound of seed will plant 100 hills, 18 lbs an acre.

COUNTRY GENTLEMAN.—The most delicious of all sweet corns. The ears are somewhat smaller and less showy than the coarser varieties, but for private family use, where quality is preferred to size, it has no equal. The cob is very small, giving great depth to the kernels. The great merit of "Country Gentleman" is its fine quality. Time of ripening a little later than Stowell's Evergreen. Per lb 10c, per 100 lbs \$7.



EARLY CORY

Stowell's Evergreen.—The most popular of all. If planted at the same time with earlier kinds, will keep the table supplied till October. It is hardy and productive, very tender and sugary, remaining a long time in a fresh condition suitable for cooking. Per lb 10c, 100 lbs \$6.

Adam's Extra Early.—The hardiest and earliest variety for table use; can be planted earlier than any other, but is not a Sweet Corn; white, indented grains and short ear. Per lb 10c, per 100 lbs \$5.50.

Old Colony.—A sweet, tender sort, with large, handsome ears, 16 to 20 rowed. A selection of Evergreen type; it is one of the most productive of all Sweet Corns. Per lb 10c, per 100 lbs \$6.

Extra Early Cory.—The earliest variety. Small, but of good quality. Per lb 10c, per 100 lbs \$6.

Early Minnesota.—An excellent sweet corn of extra early habit. Per lb 10c, per 100 lbs \$5.50.

Early Crosby.—Second early. Remarkably productive grower with good-sized ears. Per lb 10c, per 100 lbs \$5.50.

Early Mammoth.—Produces larger ears than any other early sort. Per lb 10c, per 100 lbs \$5.50.

Late Mammoth.—One of the finest varieties for main crop. Good quality, very productive. Per lb 10c, per 100 lbs \$5.50.

Black Mexican.—One of the best sweet corns for this section. Deliciously sweet and tender, and very productive. Per lb 10c, per 100 lbs \$5.50.

Sweet Fodder Corn.—A poor grade of Evergreen used for soiling and green fodder. Per lb 5c, per 100 lbs \$4.

For list of Field Corn see page 30.

CORN SALAD OR FETTICUS.

A vegetable used as a salad. It is sown on the first opening of Spring, in rows one foot apart, and is fit for use in six or eight weeks from sowing. If wanted in early spring, sow immediately after fall rains. Can also be grown in cold frames.

Large Leaved.—Per oz 10c, per lb 60c.

Get the best seeds always; poor seeds are never cheap.

CUCUMBER.

CULTURE.—Plant from March to June in hills, 4 to 6 feet each way, 8 or 10 seeds in a hill. Cover half an inch deep. When danger of insects is past, thin out the plants leaving 3 or 4 of the strongest in each hill. One ounce of seed will plant 50 hills; 2 pounds to the acre.

Giant Pera.—Is remarkably crisp and tender at almost any stage of growth. The seed cavity is very small and seeds so slow to form, that even large cucumbers, 12 to 15 inches in length, are as firm and crisp as the smaller. Specimens of this variety have been grown 22 inches in length. Per oz 10c, per lb 75c.

Parisian Prolific Pickling.—A slim and slender pickle from 3 to 5 inches long, covered with black, hairy spines. The fruits are of the deepest green, which, combined with its brittle crispness render it an ideal pickle. When in the pickling stage this cucumber shows no sign of seeds. Per oz 10c, per lb 75c.

Japanese Climbing.—The vines are of healthy vigorous growth, and throw out strong grasping tendrils, which enable it to climb trellises, wire netting, or any suitable support. Skin dark green, flesh pure white; of excellent quality for slicing; when young make attractive pickles. Per oz 10c, per lb 75c.

Early Cluster.—Vines vigorous, producing bulk of the crop near the root, and in clusters. Per oz 10c, per lb 50c.



GIANT PERA CUCUMBER.

Improved Long Green.—Dark green, firm and crisp, 12 to 16 inches long. Most extensive grown. Per oz 10c, per lb 60c.

Early Frame.—Excellent variety for table use; tender and well-flavored. Keeps green longer than any other variety. Per oz 10c, per lb 50c.

California Pickling.—Extra early and immensely prolific. Fine form and good color. The best variety for pickling. Per oz 10c, per lb 75c.

Extra Early White Spine.—Uniformly straight and smooth; very early. One of the best sorts for either pickling or table use. Per oz 10c, per lb 50c.

Nichol's Medium Green.—The young fruit is symmetrical in shape, deep in color and very crisp. An excellent variety for pickling. Per oz 10c, per lb 50c.

Cool and Crisp.—One of the best early varieties for slicing. In quality unequaled. Per oz 10c, per lb 60c.

Gherkin.—A small prickly sort grown exclusively for pickling. Per oz 10c, per lb 90c.



CALIFORNIA PICKLING.

EGG PLANT.



PURPLE EGG PLANT.

CULTURE.—Plant seed in frames from March to June. After the weather becomes settled and warm, transplant in open ground 2¹/₂ feet each way. One ounce will produce 1000 plants.

Improved Large Purple.—The finest variety. Fruit large, deep-colored and smooth; free from thorns. Flesh white, of excellent quality. Per oz 35c, per lb \$3.50.

White Pearl.—For description and price, see page 3.

LETTUCE.

CULTURE.—May be sown in California all the year round. Sow in open ground in rows, 1 foot apart, and thin out plants to 1 foot apart in rows; or may be started in seed bed and transplanted. It requires rich, moist soil and clean cultivation. One ounce of seed will sow 125 feet of drill and produce 300 plants.

WONDERFUL.—For description see Novelties, page 4. Per oz 10c, per lb \$1.25.

California Cream Butter.—Produces a beautiful head, very firm, solid and compact, with handsomely curled leaves. Flavor deliciously rich and buttery. Per oz 10c, per lb \$1

LOS ANGELES MARKET.—This is an extremely early variety. It stands hot weather, not running to seed, and forms round solid heads which are light green outside, and within a beautiful cream-yellow; of a rich buttery flavor. Never bitter. We can recommend it as a superior sort for the home and market garden. Per oz 10c, lb \$1.



CALIFORNIA CREAM BUTTER.

Early Tennis Ball.—Compact head, hardy, excellent quality. Per oz 10c, per lb 80c.

Grand Rapids.—One of the best sorts for forcing. Crisp and of fine flavor. Per oz 10c, per lb 80c.

Paris White Cos.—Upright, crisp and tender. Cos Lettuces are becoming deservedly popular, and should receive the attention of all market gardeners. Per oz 10c, per lb 80c.

Early Prize Head.—Forms a mammoth head. Crisp and tender, of superb flavor and very hardy. Per oz 10c, per lb 80c.

Buttercup.—A good butter lettuce. The heads are good size, round and solid. The leaves are of a rich yellow color. Per oz 10c, per lb \$1.

Improved Hanson.—Very large heads, deliciously tender, sweet and crisp, even to the outer leaves. Per oz 10c, per lb 80c.

Early Curled Simpson.—One of the best early sorts. The leaves tend to produce a large, loose head, beautifully crimped. Per oz 10c, lb 80c.



EARLY CURLED SIMPSON.

KOHL RABI. *

CULTURE.—Plant and treat like cabbage. Seed may be sown from July to following April. An ounce of seed will produce 2000 plants.

Early White Vienna.—The earliest sort, very tender, excellent for table use. Per oz 15c, per lb \$1.50.

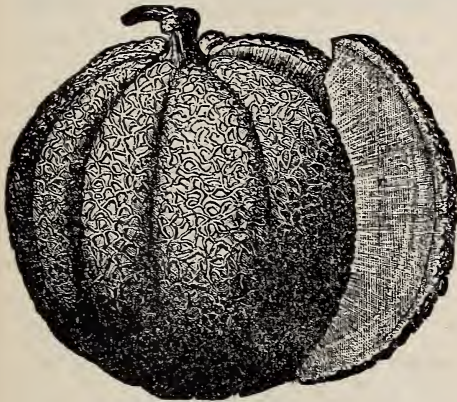
Early Purple Vienna.—Similar to the above, but has flesh of purple color. Per oz 15c, per lb \$1.50.



KOHL RABI

MUSKMELON.

CULTURE.—Plant from March to June in hills 6 feet apart each way. Sow 12 to 15 seeds in a hill and thin out to 3 or 4 plants. Cultivate thoroughly and keep down weeds and bugs. One ounce of seed for 60 hills; 2 to 3 pounds to an acre.



EXTRA EARLY HACKENSACK.

CALIFORNIA BEAUTY.—For description see Novelties, page 4. Per oz 10c, per lb 75c.

Extra Early Hackensack.—Round, well netted, and of large size; flesh green and thick; delicious flavor; beautiful in appearance. Per oz 10c, per lb 55c.

Netted Nutmeg.—Highly scented flesh, thick, sweet, and fine flavored. Per oz 10c, per lb 55c.

Banquet.—Flesh deep and of a dark rich salmon color. Per oz 10c, per lb 55c.

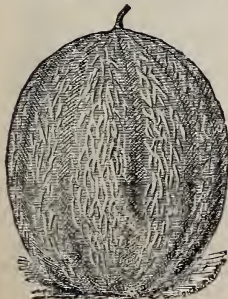
Emerald Gem.—Flesh beautiful salmon color; the flavor is sweet and luscious. Per oz 10c, per lb 45c.

Cassaba.—Long oval-shaped; skin very thin and delicate; flesh tender, rich and sweet. Per oz 10c, per lb 55c.

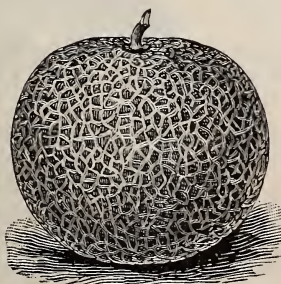
Miller's Cream or Osage.—Flesh is a rich salmon color, very thick, sweet and melting. Per oz 10c, per lb 55c.

Netted Gem.—One of the earliest and best of all melons grown. Flesh light green and of fine flavor. Per oz 10c, per lb 55c.

Champion Market.—Very uniform in size and shape, and deeply netted. The flesh is thick, green in color and of a very rich, sweet flavor. Per oz 10c, per lb 60c.



MILLER'S CREAM.

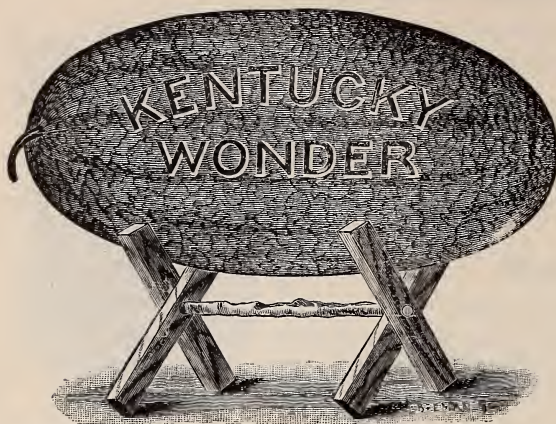


BANQUET.



EMERALD GEM.

WATERMELONS.



CULTURE — Treat same as Muskmelon, except to make hills 8 feet apart each way. A light sandy soil is best; it should be prepared deep, but receive shallow cultivation. An ounce of seed to 30 hills, or two pounds to the acre.

AUGUSTA ROUND WHITE.—

For description see Novelties, page 5. Per oz. 10c, per lb 75c.

Kentucky Wonder.—Oblong in shape, skin dark green, flesh a beautiful scarlet color, crisp, tender and rich in flavor. per oz 10c, per lb 50c.

SWEETHEART.—Introduced by us in 1897. One of the very best varieties for this section. The fruit is large, oval, very heavy, uniformly mottled light and dark green. Ripens early and is very handsome in appearance. Flesh bright red, firm, solid, very tender and sweet. Per oz 10c, per lb 60c.

Duke Jones.—This grand new Melon during the past season again proved its great popularity, and gave satisfaction wherever tried. We can safely say that none finer grows. Extra early, extra large, very prolific, and of finest flavor, it is a favorite both for shipment and for home use. Per oz 10c, per lb 60c.

Blue Gem.—This new sort has all the good qualities of the Kolb's Gem, with none of its imperfections. Has a fine appearance; the rind it a dark bluish-green color; and the average size is very large, often reaching a weight of from 70 to 80 pounds. It is much superior in flavor to most sorts. As a shipping melon it has no equal. Per oz 10c, per lb 60c.

Phinney's Early.—Good extra early, of medium size. Per oz 10c, per lb 50c.

Dark Icing.—One of the most delicious sorts, very early. Per oz 10c, per lb 50c.

Light Icing.—Similar to the above, but the skin is light in color, also said to be a few days earlier. Per oz 10c, per lb 50c.

Florida Favorite.—Oblong in shape, large size, flesh light crimson, fine quality. Per oz 10c, per lb 50c.

Pride of Georgia.—Round in shape, very prolific. Per oz 10c, per lb 50c.

Lodi.—A large solid cream-colored Melon, popular in the north. Per oz 10c, per lb 50c.

Mammoth Ironclad.—One of the largest Melons grown; firm and solid, a fine shipper. Per oz 10c, per lb 50c.

Mountain Sweet.—Dark in color, size large, flavor good. Per oz 10c, per lb 50c.

Cuban Queen.—A large, solid variety; rind strong, heavy cropper, flesh bright-red, tender and melting. Per oz 10c, per lb 40c.

Seminole.—Extra early, large, delicious flavor, color grayish-green. Per oz 10c, per lb 50c.

Ice Cream or Peerless.—Unequaled in good qualities. Solid, always of good flavor. Per oz 10c, per lb 50c.

Georgia Rattlesnake.—The largest of Watermelons; popular market sort. Per oz 10c, per lb 40c.

Kolb's Gem.—Attractive, and an excellent keeper. Productive, very large. Per oz 10c, per lb 40c.



KOLB'S GEM.



Bloodsdales Early Pearl.—A large extra early, flat white Onion. Very mild. Per oz 20c per lb \$2.

White Silver Skin.—Ripens early, a good keeper. Per oz 20c, per lb \$2.

Large Red Wethersfield.—Large size and fine form. Skin deep red. An old standard sort, very productive, an excellent keeper. One of the best for main crop. Per oz 15c, per lb \$1.50.

Extra Early Red.—Matures very early, yields abundantly, and is of a mild flavor. Per oz 15c, per lb \$1.50.

Yellow Globe Danvers.—Extensively grown as a main crop. A beautiful golden color, quite early, neck small, very prolific, and a good shipper and keeper. Per oz 15c, per lb \$1.50.



PRIZETAKER ONION.

ONIONS.

CULTURE—Sow thinly 4 or 5 pounds to the acre in drills 1 foot apart and $\frac{1}{4}$ inch deep in strong land, well manured; thin out the stand 3 or 4 inches apart in the drills, keeping them well hoed and and free from weeds. Onions delight in rich, deep, loamy soil, and succeed well if grown successive years on the same ground. An ounce will sow 100 feet of drill.

Earliest White Queen or Extra Early Barletta.—The earliest onion in cultivation. They are of a fine white color, very mild and delicate in flavor. Grow to a large size in California, frequently 4 inches or over in diameter. Our most popular market Onion. Per oz 20c, per lb \$2.



RED WETHERSFIELD ONION.

Yellow Flat Danvers.—A splendid Onion for either market or home use. Similar to above. Per oz 15c, per lb \$1.50.

Prizetaker.—A beautiful variety, very large size, often weighing from 3 to 4 pounds each. The outside skin is of a rich yellow color, while the flesh is white and very mild and sweet. Per oz 15c, per lb \$1.50.

White Bermuda.—Very large and extra early, unusually mild and delicate in flavor. An attractive sort for early market. Per oz 20c, per lb \$2.

Red Bermuda.—Similar to the above, but red in color, even more popular. The best extra early Red Onion. Per oz 20c, per lb \$2.

Our 5c Packets are generous in size and put up fresh daily.

PEAS.

CULTURE—May be sown in California the year round. Peas mature earliest in light, rich soil, but for general crop a moderately heavy soil is best. Sow in rows from $2\frac{1}{2}$ to 3 feet apart, according to the variety. Two pounds of seed will sow 100 feet of drill, 80 to 100 pounds to the acre. In the following list will be found only those varieties which are desirable in this section. When ordered by mail add 10c per pound for postage.



AMERICAN WONDER PEAS.

closely packed together that they become flattened. For a wrinkled pea they are remarkably hardy, and can be planted almost as early as the smooth sorts. Dwarf in habit, of vigorous constitution, wonderfully productive. Height 1 foot. Per lb 15c, per 100 lbs \$10.

Advancer.—A green, wrinkled variety, about $2\frac{1}{2}$ feet high with long pods which are abundantly produced, and well filled to the end. Per lb 10c, per 100 lbs \$7.50.

Stratagem.—A green, wrinkled marrow, producing numerous pods of large-sized peas of excellent flavor. Height $2\frac{1}{2}$ feet. Per lb 10c, per 100 lbs \$7.50.

Yorkshire Hero.—The most popular market Pea in this section. Abundant cropper and excellent in quality. Height $2\frac{1}{2}$ feet. Per lb 10c, per 100 lbs \$5.

Telephone.—A fine tall variety, immensely productive. Height 4 feet. Per lb 10c, per 100 lbs \$7.50.

Everbearing.—A splendid late variety. In quality unexcelled. Height 2 feet. Per lb 10c, per 100 lbs \$7.50.

Dwarf Gray, or Sugar.—(Edible pods). Of extraordinary yielding qualities, and unsurpassed as an edible podded variety. Height 2 feet. Per lb 15c, per 100 lbs \$10.

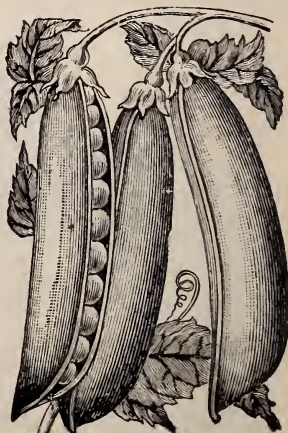
For Field Peas, see list of Farm Seeds.

PARSLEY.

CULTURE—May be sown from September to following May in drills 1 foot apart, $\frac{1}{2}$ inch deep. Soak seed 12 hours before planting, as it is slow to germinate. When 1 or 2 inches high thin out the plants to 6 inches apart in the row.

Double Curled.—Dwarf and tender, leaves yellowish-green, crimped and curled. Per oz 10c, per $\frac{1}{4}$ lb 25c.

Moss Curled.—A beautiful curled variety of light green color. Per oz 10c, per $\frac{1}{4}$ lb 30c.



STRATAGEM PEAS.

PEPPER.

CULTURE—Seed may be sown from March to June, in frames. When the weather is favorable, transplant in the open ground in warm mellow soil, in rows 18 inches apart and 12 inches apart in the rows. One ounce of seed will produce 1500 plants.

Mammoth Ruby King.—Of immense size and the mildest of all varieties. Ordinarily they grow from 4 to 6 inches long by 3 to 4 inches thick. Plant is of sturdy bushy habit and each one produces from 6 to 12 handsome fruits. Per oz 25c, per lb \$2.25.

Large Bell or Bull Nose.—A very large sort of inverted bell-shape. Flesh thick, hard and less pungent than most other sorts, and one of the earliest. Per oz 25c, per lb \$2.25.

Sweet Spanish.—One of the largest and earliest varieties; flesh is mild and sweet. Per oz 25c, per lb \$2.25.

Golden Dawn.—A productive and handsome yellow variety. Very mild in flavor. Per oz 25c, per lb \$2.25.



MAMMOTH RUBY KING.

Mexican Chili.—A very pungent variety. Very popular here. Per oz 15c, per lb \$1.50

Cayenne.—A long, slim pod, rather pointed, and when ripe a bright-red color. Extremely strong and pungent. Per oz 25c, per lb \$2.25.

Creole, or Bird's Eye.—A distinct variety, fruit very small, round and very hot. Per oz 25c, per lb \$2.50.

Celestial.—Creamy-yellow, ripening to a vivid scarlet. Per oz 25c, per lb \$2.50.

Procopp's Giant.—One of the largest Peppers grown, the pods measuring 6 to 8 inches long and about 2 inches thick. Of a glossy scarlet color, flavor mild and sweet. Per oz 25c, per lb \$2.50.

Coral Gem Bouquet.—A dwarf-growing Pepper, producing hundreds of small bright red peppers thickly set on the plants so as to give them a most beautiful appearance. Excellent for making pepper sauce. Per oz 35c, per lb \$3.50.

PARSNIP.

CULTURE—Sow from September to following May in drills 15 inches apart, covering $\frac{1}{2}$ inch deep, when well up thin out to 5 or 6 inches, in the rows. The seed is slow to germinate, hence should be sown as early as possible. Cultivate frequently. One ounce to 200 feet of row, 5 pounds to the acre.



Sugar or Hollow Crown.—The best for table use. Per oz 10c, per lb 40c.

Improved Guernsey.—Roots comparatively short, white and smooth. Per oz 10c, per lb 40c.

Short Round French.—Handsome shape and splendid flavor; earlier than the longer forms, and especially adapted for shallow soils. Per oz 10c, per lb 70c.



TENNESSEE SWEET POTATO.

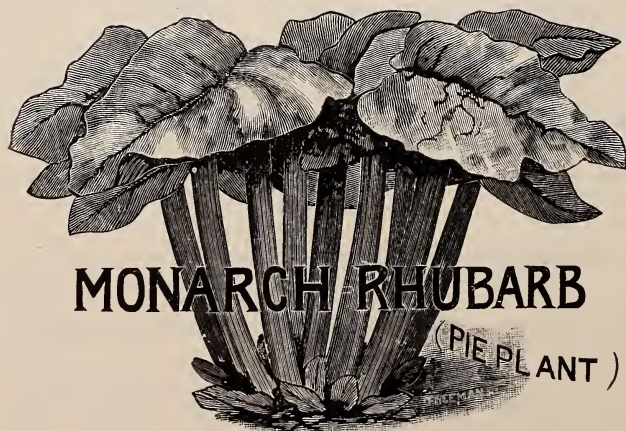
Large Cheese.—Size very large; hardy and productive. Of fine grain and excellent flavor. Per oz 10c, per lb 50c.

Sweet Field.—A small, bluish-green variety, becoming very popular here for stock feeding. Per lb 15c.

California Field.—A very large stock Pumpkin, frequently weighs 200 pounds and over. Per lb 10c. If by mail 10c per lb additional.

RHUBARB OR PIE PLANT.

CULTURE.—Sow the seed early in spring in drills, 1 foot apart, thinning out the young plants to 4 inches. Cultivate well, and in the following spring transplant into deep



PUMPKIN.

CULTURE.—Plant from April to July in hills 8 feet apart each way. Pumpkins are not so particular in regard to soil as Melons, but in other respects are cultivated in a similar manner, though on a larger scale. One ounce for 15 hills, 1 pound to an acre.

Cashaw or Crookneck.—Productive, color light cream. A good keeper; fine and sweet in flavor. Per oz 10c, per lb 60c.

Tennessee Sweet Potato.—Of medium size; creamy white, with light green stripes; flesh thick, fine grained, dry, brittle, and of excellent flavor. Unsurpassed for pies and custards. Per oz 10c, per lb 60c.

Sugar.—A small, handsome variety, and very popular. The skin is a deep orange yellow; flesh fine grained and sweet in taste. Per oz 10c, per lb 60c.



CHEESE PUMPKIN.

rich soil from 3 to 4 feet apart. For immediate use, order the roots which come into use at once. One ounce of seed will make 500 plants.

Linnaeus.—Early, large and tender. Oz 15c, lb \$1.50

Victoria.—Later than the above, very large and fine. Per oz 15c, per lb \$1.50.

Monarch.—The largest, and one of the best. Per oz 20c, per lb \$2.

Rhubarb Roots.—Fine large roots, each 10c, per dozen \$1.

RADISH.

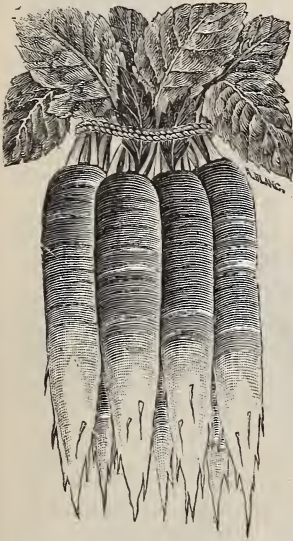
CULTURE—Seed may be sown the year round in California. They thrive best in a light, sandy loam, made rich by some good manure. Sow in drills, 10 to 12 inches apart. An ounce of seed will sow 100 feet of drill; 10 lbs to acre.

Early Scarlet Globe.—One of the earliest and best sorts for forcing; its color is very handsome; flavor very mild; crisp and juicy; stands a great amount of heat without becoming pithy. Per oz 10c, per lb 50c.

White Tipped Scarlet Turnip.—An early variety of medium size and excellent flavor and of a very handsome appearance. Per oz 10c,

per lb 50c.

Early Scarlet Turnip.—A small round, red radish of very quick growth. Per oz 10c, per lb 50c.



CHARTIER.

flesh white and crisp. Per oz 10c, per lb 50c.

California Mammoth.—Pure White. The flesh is tender and crisp and keeps well. Per oz 10c, per lb 50c.

White Strasburg.—Grows quickly; retains its crispness a long time. Both skin and flesh are pure white, firm and brittle and of excellent quality. Per oz 10c, per lb 60c.

Long White Vienna or Lady Finger.—The finest long white Radish in cultivation. Beautiful shape; skin and flesh pure white; crisp; rapid grower. Per oz 10c, per lb 60c.



EARLY SCARLET GLOBE.

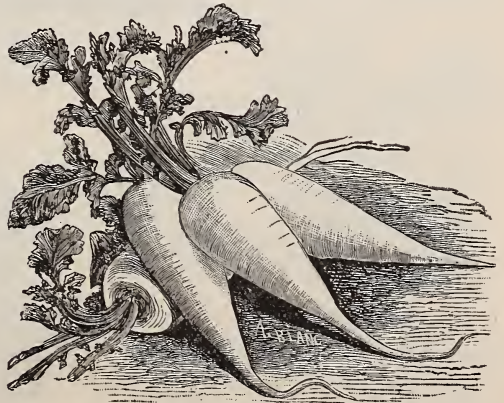
Chartier.—A distinct, exceedingly handsome and attractive sort; color of top is scarlet-rose shading into pure waxy white at the tip. Attains a large size before it becomes unfit for the table. Per oz 10c, per lb 50c.

Round Black Spanish.—Skin black; flesh white, of firm texture. Per oz 10c, per lb 50c.

French Breakfast.—A splendid variety, medium sized, olive-shaped. Very crisp and tender; of a beautiful scarlet color. Per oz 10c, per lb 50c.

Early Long Scarlet.—Very brittle and crisp; color bright scarlet, small top. Per oz 10c, per lb 50c.

Early White Globe.—Grows quickly, skin very white;



EARLY WHITE VIENNA.

SALSIFY — VEGETABLE OYSTER.

CULTURE — Sow the seed early in the Spring in drills 1 foot apart and one inch deep, thinning out plants to 4 inches. It succeeds best in light well enriched soil. One ounce of seed for 50 feet of drill.

Long White. — Favorite market variety and the best flavored. Per oz 10c, per lb 50c.



WHITE BUSH.

Sandwich Island Mammoth. — A larger and superior variety. Mild and delicately flavored. Per oz 10c, per lb \$1.25.

SQUASH.

CULTURE — Seed should not be planted in Spring until all danger of frost is passed. Plant in hills 5 feet apart for bush varieties

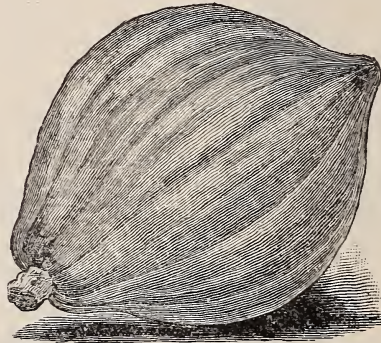
and 6 to 8 feet apart for running sorts, putting 6 to 8 seeds to the hill, finally leaving but 3 plants. One ounce of the bush varieties for 40 hills, or of the larger seeded varieties 15 hills; 2 to 3 pounds to the acre.

White Bush Scallop. — The well-known summer squash, very productive, pure white. Per oz 10c per lb 50c.

Mammoth White Scallop. — An improved large variety of the above. Per oz 10c, per lb 75c.

Golden Bush Scallop. — Similar to the above, but a golden-yellow color. Per oz 10c, per lb 50c.

Golden Summer Crookneck. — The popular well-known Crookneck. Per oz 10c, per lb 50c.



BOSTON MARROW.

Pineapple. — Peculiar shape; white skin and flesh; fine for early autumn. Per oz 10c, per lb 75c.

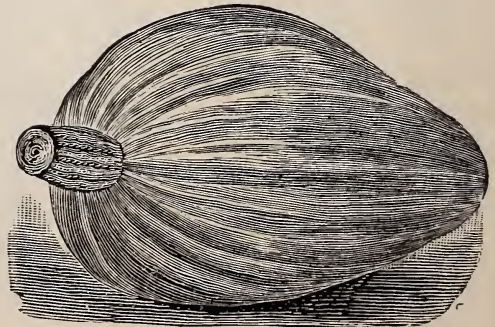
Boston Marrow. — Bright orange color, flesh rich salmon; for sweetness and excellence unsurpassed. Per oz 10c, per lb 50c.

Hubbard. — The [standard] winter squash. Keeps perfectly. Rich in flavor. Per oz 10c, per lb 50c.

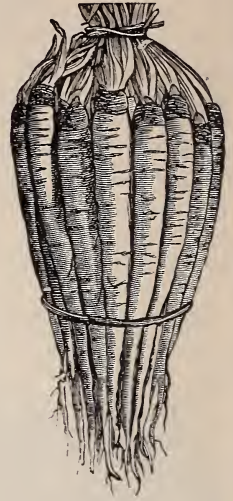
Pike's Peak or Sibley. — An excellent long-keeping winter Squash. Fine grained and superior in quality. Per oz 10c, per lb 60c.

Faxon. — Sweet and dry, the best for pies. Per oz 10c, per lb 60c.

Marblehead. — Shell bluish-green, flesh bright orange; about the size of the Hubbard. Per oz 10c, per lb 50c.



PIKE'S PEAK OR SIBLEY.



SALSIFY.

SPINACH.

CULTURE.—Sow in drills 1 foot apart, and for succession every two weeks; as it grows, thin out for use, keeping clean of weeds. It grows the year round in California. One ounce of seed for 100 feet of drill; 10 pounds for an acre.

Prickly Seeded.—The hardiest of all and the most popular with our market gardeners here. Per oz 5c, per lb 25c.

Round Summer.—Leaves large, thick and fleshy. Per oz 5c, per lb 30c.

Improved Thick Leaf or Viroflay.—Has very large, thick leaves of good substance. Per oz 5c, per lb 30c.

Bloomsdale Savoy-Leaved.—The earliest variety of upright growth; fine, large, tender crinkled leaves. Grows quick, but will not stand long. Per oz 5c, per lb 30c.

Long Standing.—A good sort for the market garden, as it is much slower in going to seed than the other varieties. Per oz 5c, per lb 30c.

TURNIP.

CULTURE.—Plant for succession from February to October in drills 14 inches apart and thin out plants to 6 inches. Turnips thrive best in a highly enriched, sandy, gravelly, or light, loamy soil. One ounce to 150 feet of drill; 1½ pounds to the acre.



Early Purple Top Strap-Leaved.—The most popular variety in this section for either family or market use; large size, white, purple above ground; flesh fine grained. Per oz 10c, per lb 50c.

Early White Flat Dutch.—An early white fleshed, strap-leaved variety; of quick growth, mild flavor and excellent quality. Per oz 10c, per lb 45c.

PURPLE TOP STRAP-LEAF TURNIP.

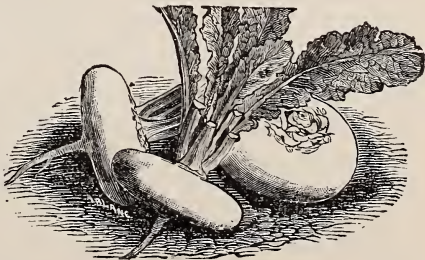
Early White Globe.—A large round turnip, with firm, sweet flesh. Per oz 10c, lb 50c.

White Egg.—Flesh white, firm, fine grained, mild and sweet. Per oz 10c, per lb 60c.

Extra White Milan.—A new, early, very white variety, with purple top and strap-leaf; mild and sweet. Remains in good condition for a long time. Per oz 10c, per lb 70c.

Amber Globe.—One of the best for general crop; grows to a large size; excellent for the table or stock. Per oz 10c, per lb 45c.

Golden Ball or Orange Jelly.—A rapid grower of excellent flavor; bright yellow color; good keeper and a superior table variety or for stock. Per oz 10c, per lb 45c.



EARLY FLAT-DUTCH.

Improved Purple-Top Ruta Baga.—The best of the Swede turnips. Very hardy and productive; flesh yellow, of solid texture, sweet and well-flavored. Per oz 10c, per lb 40c

All vegetable seeds supplied in five-cent packets.

TOMATOES.



ACME.

CULTURE.—Seed may be sown from January to June in frames or hot beds. When plants have 4 leaves transplant in shallow boxes, setting them 4 or 5 inches apart, so that they will become strong and stocky, and about as broad as they are high. Set out as soon as ground is warm, and water freely. The fruit is improved in quality if the plants are tied to a trellis or to stakes. Set plants 4 feet apart. One ounce of seed will produce 2,000 plants.

EL DORADO.—We deem this the best variety for main crop. Plant is strong and bears an enormous crop of large, solid fruit, almost round in shape. Its solidity and shipping qualities are remarkable, and it is excellent for canning. Color, bright scarlet; in flavor the equal of any tomato yet introduced. Per oz 25c, per lb \$2.50.

Acme.—The standard bright pink tomato, size medium, very smooth. Per oz 15c, lb \$1.50.

New Stone.—Excellent for main crop, for market or canning. The fruit is smooth and very large, many of them weighing over a pound. Solid and firm, stands shipping well, and is very attractive in appearance. Per oz 20c, per lb \$2.

Ignotum.—Large, uniform, smooth and solid, deep red in color. Per oz 20c, per lb \$2.

Royal Red.—Brilliant red in color, a fine sort. Per oz 25c, per lb \$2.50.

Paragon.—A superb variety, large, solid, smooth and deep red. Per oz 15c, per lb \$1.50

Atlantic Prize.—The largest, smoothest, and brightest colored extra early tomato. Per oz 15c, per lb \$1.50.

Beauty.—An excellent variety of large size and beautiful appearance; color gloss crimson. Per oz 15c, per lb \$1.50.

Peach.—Of delicate flavor and very attractive. The fruit is 2 inches in diameter. An excellent preserving sort. Per oz 15c, per lb \$1.50.

Favorite.—One of the largest and most perfectly-shaped. Ripens evenly and early. Per oz 10c, per lb \$1.50.

Perfection.—Fruit large, color deep red, almost round in shape, perfectly smooth and very solid; very productive. Per oz 15c, per lb \$1.50

Trophy.—Large, smooth, fine in color and very prolific. Per oz 15c, per lb \$1.50.

Extra Early Richmond.—An extremely hardy sort and much used here for winter market. Per oz 20c, per lb \$2.50.

Buckeye State.—Deep glossy crimson, tinged with purple. Remarkably solid and meaty, while in luscious qualities it has no rival. Per oz 25c, per lb \$2.50.

Ponderosa.—An enormous tomato, one of the finest varieties grown. Per oz 40c, per lb \$4.

Ten-Ton.—A superb variety for canning or table. Unsurpassed in good qualities. Per oz 25c, per lb \$2.50.

Golden Queen.—A fine golden yellow sort; solid and smooth. Per oz 25c, per lb \$2.50.

Yellow Pear-Shaped.—Oz 10c, lb \$1.50.



Odds and Ends.

Brussels Sprouts, Dwarf Improved.—The little sprouts resemble miniature cabbages. An excellent vegetable. Per oz 15c, per lb \$1.50.



SCOTCH KALE.

Broccoli, Early Purple Cape.—It resembles cauliflower, but is hardier and more easily grown. Per oz 30c, per lb \$3.00.

Endive, Green Curled.—One of the most refreshing and attractive of salads. Per oz 15c, per lb \$1.25.



ENDIVE.

Kale, Green Curled Scotch.—Very desirable for greens, being remarkably tender and delicate in flavor. Per oz 10c, per lb 90c.

Leek, Large Carentan.—The best variety of this valuable vegetable. Per oz 15c, per lb \$1.50.

Mustard White.—Per lb 10c. **Southern Curled.**—Best for salads. Per oz 10c, per lb 50c.

Nasturtium.—Seed pods make delicious pickles. **Dwarf.**—Per oz 15c.

Okra, White Velvet.—Imparts a fine flavor and consistency to soups and stews. Per oz 10c, per lb. 60c.

Herbs.

AROMATIC, MEDICINAL AND POT, PER PACKET, 5c.

| | | | | |
|------------|-----------|------------|----------------|----------------|
| Anise, | Balm, | Basil, | Caraway, | Catnip, |
| Marjoram, | Rosemary. | Sage, | Summer Savory, | Winter Savory, |
| Coriander, | Dill, | Fennel, | Horehound, | Lavender, |
| | Sorrel. | Worm Wood, | Thyme. | |

Miscellaneous Seeds.

Tobacco, Acclimated Havana.—The best variety for cigar fillers. Per oz 25c per lb \$3.

Tobacco, Glessner.—The best variety for cigar wrappers. Per oz 50c, per lb \$5.

Cotton, Upland.—Per lb 25c.

Mushroom Spawn.—English, in bricks. The best in quality. Per brick 15c.

Bird Seeds.

ALL RECLEANED AND EXTRA SELECT.

Canary Seed, Hemp Seed, Rape Seed, Russian Sunflower, all 10c per pound or 3 pounds for 25c.

Mixed Bird Seed, any mixture. Per lb 10c, 3 lbs 25c.

Farm and Field Seeds.

The prices on field seeds are subject to market fluctuations, hence the quotations here given are intended as being suggestive rather than final.

Our customers can depend on receiving the lowest prices at all times, but it would be well to write for special quotations on large orders.

We would also advise against comparing printed prices on grain, corn, etc., intended for stock feed and the market with those of our selected seed stock. As a matter of fact the latter is always the cheaper in the end.

FIELD CORN—EASTERN GROWN.

King of the Earliest, 85 Days.—The earliest Dent variety. Ears short, 12 to 16 rows, well filled. Grain long and yellow, making an extra quality meal. Per lb 5c, 100 lbs \$3.50.

Improved Leaming, 90 Days.—Ears are large and handsome, with deep, large grains; orange yellow color and red cob. Per lb 5c, per 100 lbs \$3.50.

Pride of the North, 90 Days.—One of the best sorts; ears have from 14 to 16 rows, grown 8 to 10 inches in length, slightly tapering; color light orange. Per lb 5c, per 100 lbs \$3.50.

Mastodon Yellow Dent, 90 Days.—The largest and best Dent corn. Per lb 5c, per 100 lbs \$3.50.

King Phillip Flint, 90 Days.—The earliest, largest, and best flint corn. Per lb 5c, per 100 lbs \$3.50.

Minnesota King, 100 Days.—A large-grained variety; yellow. Per lb 5c. 100 lbs \$3.50

Wisconsin White Dent, 90 Days.—A perfect white Dent corn, in good qualities resembling the Leaming. Per lb 5c, per 100 lbs \$3.50.

Champion White Pearl, 90 Days.—A fine white flint corn. Per lb 5c, 100 lbs \$3.50.

FIELD CORN—CALIFORNIA GROWN.

PRE-HISTORIC CORN.—For description and price see Novelties, page 7.

King Phillip, 90 Days.—A small yellow variety, very popular in this market. Per 100 lbs \$1.50.

Hickory King, 110 Days.—A white variety, having the largest grain with the smallest cob ever introduced in a white corn. Per 100 lbs \$1.50,

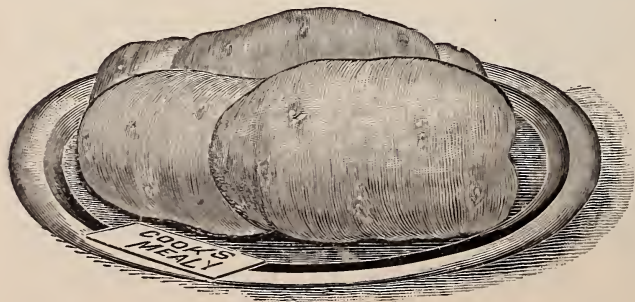
SEED GRAIN.

We carry a choice stock of grain, especially selected and re-cleaned for seed. Write for prices and samples. In stock: Red Texas Oats, Winter Rye, Defiance Wheat, White Australian Wheat, Common Barley, Beardless Barley, Bald Barley, and Buckwheat.

SEED POTATOES.

Early Rose,
White Rose,
Colorado Rose,
Peerless,
Burbank,

and other standard varieties of potatoes, carefully selected for seed. Write for prices.



Forage and Fodder Plants.

The following varieties of forage and fodder plants can be recommended to do well in California soils and climates. Though not strictly plants indigenous to arid regions, they will, nevertheless, withstand our summer seasons quite well, and if planted on moist lands, or lands to which irrigation waters are available, will yield bounteous crops.

COW PEAS, FIELD PEAS, VETCHES.

CULTURE—Throughout the Southern States, Cow Peas are universally used in preference to any other plant for forage and as soil renovators. Their growth is marvelous, yielding 25,000 pounds of green or 5,000 pounds of dry hay to the acre. They make the best green fertilizer for turning under in orchards. When sown in rows 3 feet apart, 30 pounds will sow an acre. Sown broadcast, 80 or a hundred pounds are required to seed an acre properly. If grown for fodder or seed, plant in drills and cultivate thoroughly. If grown to plow under, sow broadcast.

Wonderful Cow Pea.—The most valuable pea ever introduced for forage stock-feeding, enriching land and for eradicating weeds and grasses. Its yield is enormous. Per lb 10c, per 100 lbs \$5.

Whippoorwill Cow Peas.—This is the earliest of Cow Peas, and can be matured here before there is any likelihood of frost. This adds to its value for turning under in orchards. Per lb 10c, per 100 lbs \$5.

Black-Eye Cow Pea.—Is the pea commonly sold in this market. The present price is \$2.50 per 100 lbs, but it is subject to fluctuations.

Velvet Bean.—Similar to the Cow Pea in habit and economic value. It is of recent introduction and has been used here in an experimental way for turning under in orchards. Per lb 10c, per 100 lbs \$7.50.

Soja Bean.—The plant grows erect, averaging 3 feet in height. The stalk is strong and woody, and has numerous branches covered with heavy foliage. The branches and upper part of main stem are thickly studded with clusters of pods, from two to five pods growing in a cluster. Makes forage as good as Cow Peas. The vines are cut when the leaves are in the milk. The beans are frequently used as a substitute for coffee. Per lb 10c, per 100 lbs \$7.50.

FIELD PEAS.

Blue Prussian.—This is the culinary pea of commerce. It is used here very largely as a green fertilizer in orchards. Our stock is extra select. Per lb 5c, per 100 lbs \$3.

Canada Field.—One of the best green manuring crops. Very early, also makes a good large yielding forage crop. The seed is small and popular as a pigeon feed. Per lb 5c, per 100 lbs \$3.

VETCHES.

Are becoming very popular as a forage crop. They can be cheaply raised, fed green, cured and ensilaged. Sow at the rate of from 40 to 50 pounds to the acre, either broadcast or in drills 15 inches apart.

Hairy or Sandvetch.—The Sandvetch prospers in the most barren soils. Will yield 6 to 10 tons of green feed per acre. Can stand any frost, and all farm animals eat it readily. Per lb 10c, per 100 lbs \$7.50.

Winter Vetches.—Furnishes one of the most nutritious winter and spring forage crops. Is also an excellent soil improver. Per lb 10c, per 100 lbs \$7.50.

Kidney Vetch.—A new variety which promises to be the best. Resembles clover in appearance and habit of growth. Per lb 15c, per 100 lbs \$10.



HAIRY OR SANDVETCH.

CLOVER AND GRASS SEEDS.

Alfalfa.—Our standard clover. Too well known to require description. Send for quotations.

Crimson Clover.—Mostly grown here for a green manuring crop for orchards. Per lb 10c, per 100 lbs \$7.

White Dutch Clover.—Used principally for lawns, but is also excellent for pasturage. Per lb 30c.

Italian Rye Grass.—Very valuable for pasture in this climate. In nutritive value, earliness and quickness of growth after it has been cut, it is unsurpassed. Sow 30 to 40 pounds to the acre. Per lb 12c, per 100 lbs \$9.

Perennial Rye Grass.—One of the best grasses for permanent pasturage. Leaves long, narrow and fine; darker in color than the Italian, not more than half as large and slower to develop. Sow 40 pounds to the acre. Per lb 10c, per 100 lbs \$8.

German Millet.—Produces from 4 to 5 tons of hay to the acre, and from 70 to 80 bushels of seed. Yields 2 crops in a season. Sow 50 pounds to the acre. Per lb 5c, per 100 lbs \$3.50.

Common Millet.—It is an annual grass; its luxuriant leaves being very juicy and tender are much relished by all stock. It makes a very good hay. Sow 50 pounds to the acre. Per lb 5c, per 100 lbs \$3.50.



GIANT BEGGAR WEED.

Hungarian Millet.—It germinates readily and withstands great drought. Has numerous succulent leaves, broad and over a foot in length. Furnishes an abundance of green fodder taken by all kinds of stock. Sow 40 pounds to the acre. Per lb 5c, per 100 lbs \$4.

Pearl Millet.—No other plant makes so much forage as this; 7 cuttings may be had in a season. Sow seed in drills, 5 pounds to the acre. Per lb 20c.

Johnson Grass or Evergreen Millet.—A perennial; a rapid grower with long cane-like roots. The leaf, stalk and panicle of this grass resemble those of sorghum; will grow where it is too hot and dry for other grasses. It is so difficult to eradicate from the soil when once established that we do not recommend it. Sow 40 pounds of seed to the acre. Per lb 10c, per 100 lbs \$8.

Giant Beggar Weed.—Much used in Florida as a forage crop and soil renovator; 5 pounds will plant an acre.

You are not safe unless you buy tested seeds. Our seeds are all tested and are sure to grow.

SOME IMPORTANT FODDER PLANTS.

Early Amber Sugar Cane or Sorghum.—Can be raised anywhere and produce a large crop of the most nutritious fodder; all stock relish it on account of its sweetness. If grown for sugar, plant 6 pounds to the acre in drills; if for fodder sow broadcast 70 or 80 pounds to the acre. Per lb 10c, per 100 lbs \$4.

White Kaffir Corn.—The stalks keep and are brittle and juicy, not hardening like other varieties of sorghum, making excellent fodder either green or dried, which is highly relished by cattle, horses and mules; it grows from 4 to 5 feet high. For grain sow 5 pounds to the acre in rows 3 feet apart; for fodder sow 60 pounds to the acre broadcast. Per lb 10c, per 100 lbs \$4.

Red Kaffir Corn.—Stalks are more slender than the white, but more juicy and leafy; it does well on poor land and yields good crops. Per lb 10c, per 100 lbs \$4.

Jerusalem Corn.—Stands drought better than any other sorghum. Grows about 3 feet high; the grains are pure white and nearly flat. Sow 5 pounds to the acre. Per lb 10c, per 100 lbs \$5.

White Egyptian or Dhoura Corn.—Yields a large crop of either grain or fodder; the grain is excellent for poultry. Sow like Kaffir corn. Per lb 5c, per 100 lbs \$2.

Brown Egyptian Corn.—Similar to the above, only the grain is brown in color; stands dry weather and will grow on the poorest soil. Per lb 5c, per 100 lbs \$2.

Canadian Field Peas.—Becoming very popular for plowing under for a green manure in orchards; also make a desirable fodder. Per lb 5c, per 100 lbs \$3.

Giant Spurry.—Much recommended in some quarters as a forage plant and for turning under as a green manure in orchards. Sow 15 pounds to the acre. Per lb 15c.

Jerusalem Artichokes.—Best hog food known. Are remarkable for their fattening properties, great productiveness and ease with which they can be grown. Are recommended highly for milch cows, increasing the yield of milk and at the same time improving their condition. One hundred and twenty pounds of tubers will plant an acre; they should be cut as potatoes, 1 eye being sufficient, and planted in rows 3 feet apart and 2 feet in the rows. Per lb 5c, per 100 lbs \$4.

Dwarf Broom Corn.—Grows 3 to 4 feet high, with straight smooth brush, principally used for making whisks and brushes. Per lb 10c.

Improved Evergreen Broom Corn.—Grows 8 to 10 feet high, stands up well and is entirely free from crooked brush; fibre is long and fine. Per lb 10c.

Spanish Peanuts.—Much used as a crop for hog feed; the tops are good forage. Per lb 10c.

Chufas or Earth Almonds.—A species of grass nut much used as a food for fattening hogs. Per lb 15c.

Australian Salt Bush.—For description and price see Novelties, page 6.



AUSTRALIAN SALT BUSH.

LAWN GRASS SEED.

We have established a reputation throughout Southern California on the high quality of lawn grass seed furnished by us. If you wish a beautiful velvety lawn, you avoid all risk by buying from us direct.



HINTS ON LAWN MAKING.—Lawn grass seed may be sown the year round in California. In making a new lawn the soil should be carefully cultivated to the depth of 1 foot, and prepared to the desired level, and well rolled; after which a light raking will prepare it for proper reception of the seed. If the soil is poor it should be enriched with well-rotted, sifted stable manure, or some good commercial fertilizer. Sow the seed carefully and evenly, using 1 pound to cover an area of 200 square feet; rake in well and roll.

Fancy Kentucky Blue Grass.—The purest and best lawn seed. Per lb 20c, per 100 lbs \$15.

White Dutch Clover.—Often mixed with Blue grass in lawn making; many prefer it alone. Per lb 30c.

FERTILIZING THE LAWN.

To keep up the beauty of a lawn it will be necessary to feed the grass well. You cannot expect it to retain that depth and richness of texture and color which characterizes it while young, after the elements of plant food have been exhausted. That which the plants take from the soil in their development must be supplied from time to time in order to keep the grass up to a high standard of health.

We recommend a good commercial fertilizer such as the Bradley in preference to stable manure, which is almost certain to sow the lawn with noxious weeds.

For price list of fertilizers see opposite page.



IMPROVED BY USE OF BRADLEY FERTILIZER.

Our five-cent seed packets are generous in size and put up fresh daily.

Fertilizers for Lawns, Flowers and Vegetables.

We are sole agents in Los Angeles for the famous Bradley Lawn and Vegetable fertilizers. They have the highest standard of efficiency the country over and are absolutely unequalled in results obtained. They are not expensive fertilizers, as their chemical pureness makes them equal to many times the quantity of the cheaper adulterated sorts. Send for special Catalogue.

Bradley Lawn Fertilizer.—This is a high-grade fertilizer, especially prepared to promote the vigorous and healthy growth of luxuriant grass, enabling it to stand rough usage and the protracted heat of summer. Being free from weed seeds, and odorless, it is far superior to unsightly and strong smelling stable dressings, for use on lawns. It is unequalled as a food for plants and flowers, particularly roses. Five pounds will sow 100 square feet of lawn. Per lb 5c, per 100 lbs \$2.50.

Bradley Vegetable Fertilizer.—Its use will add very little to the expense of your garden, and will result in an improvement in the quality of your vegetables that will surprise you. Sow broadcast at the rate of 10 pounds to 100 square feet, or 800 pounds to the acre. Per lb 5c, per 100 lbs \$2.50.

Woodbridge Lawn Fertilizer.—A very high-grade fertilizer of local manufacture that has given good satisfaction wherever tried. Per lb 5c, per 100 lbs \$2.



RESULTS FROM BRADLEY VEGETABLE FERTILIZER.

Bone Meal.—Makes an excellent fertilizer for lawns and flowers. Per lb 5c, per 100 lbs \$2.00.

Insecticides.

Steads Bug Bane.—The best scale destroyer and insecticide ever introduced. No poisonous chemicals or injurious acids are used in its manufacture, it is a fertilizer and tree tonic. Price \$2.25 per can of 40 pounds, less than 6½c per pound. Bars for small consumers 20c. Send for descriptive pamphlet giving directions for use.

BEAUTIFUL HYACINTHS.

CULTURE IN GLASSES.—For this purpose the largest and heaviest bulbs should be used; therefore we strongly recommend our *select named hyacinths*, and the single sorts are the best. Fill the glass with water, so that only the base of the bulb is immersed in it, and remove to a dark, cool place till the roots have grown almost to the bottom of the glass. The water should be changed every week or two to keep it pure; in doing this draw the roots entirely out of the glass, and rinse with clean water. When brought out to the light, shade the glass from the full rays of the sun, the effect of which is to heat the water to a fatal degree: remove from the window at night if very cold.



CULTURE IN OPEN GROUND.—Any good garden soil will suit hyacinths, and the depth at which they are planted should be determined by the character of the soil. If clay or very heavy, bulbs should not be covered more than 3 inches; if light, from 4 to 6 inches.

SELECT NAMED HYACINTHS.

PRICES.—All first-size picked bulbs, each 10c, per dozen \$1. If by mail 15c per dozen extra.

SINGLE VARIETIES.

Amy.—Deep glossy carmine, tall, well filled spike.

Norma.—Delicate blush pink, very early and extra fine.

Alba Superbissima.—Pure white, large handsome spike.

Semiramis.—Cream white, large spike.

Charles Dickens.—Bright blue, shading porcelain. Very early.

King of Blues.—Rich dark blue, the finest of the deep blues.

Bird of Paradise.—Delicate light pink, early.

DOUBLE VARIETIES.

Czar Nicholas.—Delicate light pink, early.

Bouquet Tendre.—Brilliant dark carmine red.

La Tour d'Auvergne.—Pure white, yellow center. Very double.

Garrick.—Splendid bright blue with dark center.

Blocksburg.—Light blue, marbled. Very early.

La Grandeur.—Pure golden yellow.

SECOND SIZE BULBS, UNNAMED.

PRICES—Each 5c, per dozen 50c. If sent by mail 10c per dozen extra.

SINGLE.

| | | |
|------------|-------------|--------------|
| Dark Blue, | Light Blue, | Dark Red, |
| Pink, | Pure White, | Blush White, |
| | Yellow. | |

DOUBLE.

| | | |
|------------|-------------|--------------|
| Dark Blue, | Light Blue, | Dark Red, |
| Pink, | Pure White, | Blush White, |
| | Yellow. | |

Roman Hyacinths.—Large size. Each 5c, per dozen 50c.

Dutch Bulbs.—We have a beautiful assortment of Tulips, Narcissus, Anemones, Ranunculus, Crocus, Jonquils, Ixias, Lilies, etc. Prices always the lowest.

General List of Flower Seeds.

Flower seeds are divided into Annuals and Perennials. Annuals are those that bloom and ripen seed the first year, then die. Among these may be found some of our most brilliant and fragrant flowers. Perennials are those that live and bloom for several years in succession. Directions for culture are on each package.

Ageratum—Flowers light blue or lavender, furnishing a continuous bloom through the summer. Height 1 foot. Hardy annual.

Ageratum Mexicanum. Per packet5c

Alyssum Sweet.—A favorite flower for bouquets; white, very fragrant, and producing a succession of bloom through the summer and until after severe frosts. Height 1 foot. Hardy annual.

Alyssum Maritimum (sweet), per packet5c

Alyssum Dwarf of Tom Thumb, per packet5c

Aster.—No family of plants bears such distinct marks of progress as the Aster, and none are more eagerly sought. An almost endless variety, always reliable, it is not strange that they should become a necessity. Height 1 to 2 feet. Annual.

Aster, Crown, white center, per packet10c

White rose, per packet10c

Peony-flowered, per packet10c

Chinese, per packet10c

Victoria, per packet10c

mixed, per packet10c

Aquilegia. (Columbine).—The old single varieties of Columbine have been known and admired for centuries, under the name of Honeysuckle. The new double sorts are very beautiful, and embrace a great variety of colors and forms. Height from 1 to 2 feet. Hardy perennial.

Aquilegia, mixed colors, per packet10c



ASTER, PEONY FLOWERED.



DOUBLE BASAM.

Antirrhinum. (Snapdragon).—One of the most desirable flowers in the Catalogue for its variety of colors and succession of bloom, lasting from July until severe frosts. A great variety of beautiful colors, striped and variegated with other brilliant shades. Height 1 foot. Perennial.

Antirrhinum, dwarf, mixed colors, packet. 5c

Amaranthus.—Valuable for its varieties of handsome foliage, whether grown in the conservatory or garden. The colors will be more brilliant if planted in moderately rich soil. Height 2 to 3 feet. Hardy annual.

Amaranthus, tri-color, per packet5c
(Joseph's Coat).

Amaranthus caudatus, per packet5c
(Love Lies Bleeding),

Balsam.—The Balsam has been so much improved by cultivation as to be scarcely recognized. Requires a rich, deep soil, good culture and plenty of space to grow to perfection. Height 2 feet. Hardy annual.

Balsam, double French, per packet5c
Camelia, per packet5c

Batchelor's Button.—Showy annual, of easy culture. Flowering freely with a great variety of color in common garden soil.

Centaurea Cyanus, per packet5c

FLOWER SEEDS CONTINUED.



CALLIOPSIS.

Canna.—Stately plants with foliage of elegant growth, presenting a luxuriant and tropical appearance; are much employed in ornamental planting; when planted in clumps of 4 or 5 contrasting colors are very effective. Height 3 feet. Tender annual.

Canna, mixed colors, per packet.....5c
 " Madame Crozy, per packet.....5c

Calliopsis.—A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. Height 2 feet. Hardy annual.

Calliopsis, mixed colors, per packet.....5c

Centaurea (Dusty Miller).—Magnificent foliage plants of silver white and gray foliage; indispensable for borders and edges. Half Hardy perennial. Height 1 foot.

Centaurea, Dusty Miller, mixed, per packet, 5c

Chrysanthemum.—Colors, golden yellow, white tinted with yellow and brown. Finely shaped, double flowers produced in profusion, nearly covering the plants. Height 18 inches. Perennial.

Chrysanthemum, double, mixed colors, per packet, 5c



CAMPANULA.

Calendula.—This splendid variety has large double flowers, beautifully imbricated, resembling in size and form the finest aster. Each petal is of pale straw color, regularly marked with stripe of bright, deep orange. Height 18 inches.

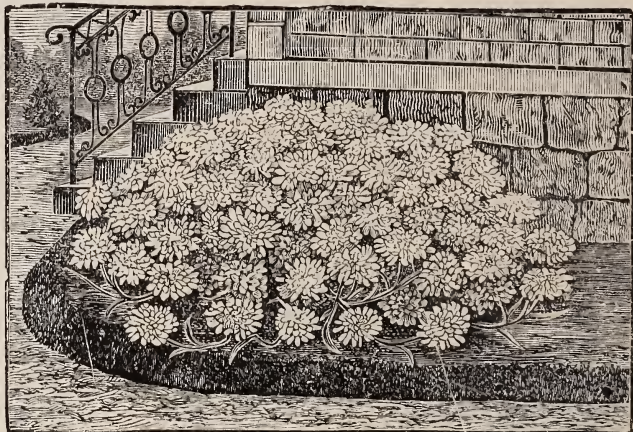
Calendula officinalis, per packet.....5c

Carnation.—This beautiful and well-known flower produces a finer bloom when grown from seed than when grown from cuttings taken from the old plants. The seed will produce a finer variety of colors, with flowers of good size and substance. Height 18 inches. Half hardy perennial.

Carnation, German, mixed colors, per packet.....5c
 " Marguerite, per packet.....5c

Campanula (Bell Flower).—The Campanulas embrace a great many beautiful and popular perennials, like the Canterbury Bell, and also a number of annuals of great value for forming masses, as they are neat in habit, hardy and free bloomers. Height 1 foot.

Campanula, mixed colors, per packet.....5c



BED OF CANDYTUFT.

Clarkia.—The flowers are very pretty and of many colors, double and single. Height 2½ feet. Hardy annual.

Clarkia pulchella, per packet.....5c

Cineraria Hybrida.—Very attractive and a justly much admired plant. Height 1 to 2 feet. Perennial.

Cineraria hybrida grandiflora, per packet.....25c

Cockscomb (Celosia).—Highly ornamental plants, producing crested heads of flowers, somewhat resembling a cock's comb. Height 1 to 3 feet.

Celosia crustata, dwarf mixed colors, per packet...10c

Coleus.—Is one of the most beautiful of our variegated perennial foliage plants for garden decoration, ribbon beds, etc., being of rapid growth and easy culture. Height 1 to 2 feet. Tender perennial.

Coleus, new hybrids, mixed, per packet.....20c

Candytuft.—All the colors of Candytuft are desirable for bouquets, especially the white, for its form and fragrance, and profusion of bloom. Height 1 foot. Hardy annual.

Candytuft, mixed colors, per packet.....5c

Convolvulus Minor.—A trailing plant, with flowers of rich shades of blue, in some specimens rivaling the pansy in richness of color, finely shaded with yellow and white. Height 10 inches. Half hardy annual.

Convolvulus minor, per packet.....5c

FLOWER SEEDS CONTINUED

Cobaea.—A splendid climbing plant, with large purple bell-shaped flowers, and elegant tendrils; when well established it grows very rapidly, with numerous branches. 15 to 20 feet. Tender perennial

Cobaea scandens, per packet.....10c

Clematis.—Well known and universally admired climbers; some of the varieties being remarkable for the beauty and fragrance of their blossoms. Will do well in any garden soil. Height 15 feet.

Clematis, fine mixed, per packet.....10c

Cypress Vine.—One of the most beautiful of the climbers, fine delicately cut foliage, dotted with small scarlet star-shaped flowers. Height 8 feet. Tender annual.

Ipomea quamoclit, mixed colors, per packet.....10c

Daisy.—Charming little plant for edging and borders. The flowers are quilled and flat-petaled, white, pink, red and variegated. Tender perennial; height 6 inches.

Bellis perennis, double mixed, per packet.....10c

Dahlia.—This exceedingly beautiful genus comprises an almost endless number of varieties, all more or less showy in the flower garden in the autumn when most other flowers have faded. Half-hardy, perennial; height 4 feet.

Dahlia, finest double mixed, per packet.....15c

“ “ single mixed, per packet.....15c

Eschscholtzia. (California poppy).—One of the most beautiful flowers grown. Half hardy perennial; height 1 foot.

Eschscholtzia California, per packet.....5c

Golden West, per packet.....10c

Forget-Me-Not.—This beautiful little flower is too well known to require description or recommendation. The delicate blue flowers appear all summer. Height 6 inches. Hardy perennial.

Myosotis palustris, per packet.....10c

Foxglove.—Showy and useful plant for border. Flowers borne in tall spikes, bell or thimble-shaped, of all colors. Height 2 feet. Hardy biennial.

Digitalis, mixed colors, per packet.....10c

Fuchsia.—The varieties of Fuchsia are exceedingly beautiful. They are as easily grown from seeds as from cuttings, and from seed many improved varieties are obtained. Height 1 foot.

Fuchsia, double, finest mixed, per packet.....5c

Four O'Clock (Marvel of Peru)—A handsome plant, making an attractive display of its many-colored flowers from the middle of July until frost. The leading colors are red, white and yellow, with stripes and variegations of all three. Height 2 feet. Hardy perennial.

Mariabulis jalapa, per packet.....5c

Gaillardia.—A showy annual with brownish-red flowers, bordered with yellow and white, blooming strongly through the season. Height 18 inches.

Gaillardia, mixed colors, per packet.....5c

Gilia.—Color azure blue, and light blue shaded with yellow and white. Height 18 inches. Hardy annual.

Gilia, mixed colors, per packet.....5c

Geranium.—No garden seems complete without a bed of them, and in every collection of plants we are sure to find the Geranium. *Propagation by seed is the only way to obtain new varieties.* Height 1 to 2 feet. Half-hardy perennial.

Geranium, single mixed, per packet.....10c

“ double “ “25c

Gourds.—A great variety of curiously formed and marked fruit; the vines are of rapid growth and with luxuriant foliage, adapted for covering screens, arbors, etc. Height 10 to 15 feet. Tender annual.

Gourd, small ornamental, per packet.....5c

“ nest egg, per packet.....5c



COBÆA.



ESCHSCHOLTZIA.



GAILLARDIA.

Get the best seeds always; poor seeds are never cheap.

FLOWER SEEDS CONTINUED.

Marigold.—A showy plant of compact, symmetrical growth, handsome foliage, and a profusion of flowers of brilliant shades of yellow, finely variegated and striped with dark, rich colors of maroon and brown. Height 1 foot. Half-hardy annual.

Marigold, double dwarf, French, per packet 5c
 " " African, " 5c

Mimulus.—These flowers are remarkable for their rich and beautiful marking and spots. Height 1 foot. Half-hardy perennial.

Mimulus punctatus, per packet.....10c
 " moshatus, (Musk Plant) packet.....10c

Moonflower.—The true Moonflower is the most vigorous of all summer climbers; a single plant can easily be made to cover a trellis 30 or 40 feet high with a dense mass of leaves, studded every night or cloudy day with hundreds of beautiful white flowers, 4 to 6 inches in diameter. Height 30 to 40 feet. Tender annual.

Ipomea grandiflora, per packet.....10c



AFRICAN MARIGOLD.

Mignonette, Sweet.—One of the best known and most popular flowers; indispensable for the garden. Height 1 foot. Hardy annual

Mignonette, Sweet, per packet.....5c

Morning Glory.—This well known annual is one of the most popular climbers. Of rapid growth, soon covering a fence or trellis with abundant foliage and bright flowers. A great variety of colors and shades. Height 10 feet. Hardy annual.

Convolvulus major, mixed colors, per packet.....5c

Nasturtium, Tall.—This well known annual is one of the best for trellises and arbor decorations. Flowers of a great variety of rich colors, striped and spotted with different shades. Height 6 to 10 feet.

Tropæolum major, mixed, per packet.....5c

Nasturtium, Dwarf.—One of the most brilliant scarlets grown in any flower; the bloom covering the plant and being produced in succession throughout the summer. Foliage very dark green. Grows less than 1 foot high, making it very desirable for the front edge of a bed or border. Height 1 foot.

Tropæolum minor, mixed colors, per packet.....5c

Nemophila.—The flowers are exquisitely colored, blotched and spotted; they are quite apt to sport into an endless variety of shades from black and blue to lighter colors. Height 6 inches. Hardy annual.

Nemophila, mixed colors, per packet.....10c

Passion Flower.—A most interesting and well known order of climbers, bearing singularly beautiful flowers.

Passiflora cœrula, per packet.....10c

Pink.—Splendid, large, double flowers of the richest and most brilliant colors and markings. No flower excels this genus for a brilliant show of colors through the summer. Height 1 foot.

Dianthus imperialis, (double imperial), mixed, per packet.....5c



MIGNONETTE.



DOUBLE PINK.

FLOWER SEEDS CONTINUED.



Pansy.—We have a magnificent assortment of varieties of this interesting and popular flower. Our New Superb Mixture of Giant Pansies is the most beautiful ever offered; the flowers are immensely large, of thick, velvety texture, and most distinct colors.

Viola tricolor—

New Superb, mixed colors.

Bugnot's Large Blotched.

Cassier Giant Blotched.

Large Trimardean, mixed colors.

Per packet.....10c

Pure White.

Steel Blue, white edge.

Dark Purple.

Yellow.

Dr. Faust, black.

Dark Blue.

Havana Brown.

Quadricolor, or Rainbow.

Emperor William, dark ultramarine blue.

President Carnot, white, violet blotched.

Lord Beaconsfield, violet shaded to white.

Per packet.....5c

Primula Sinensis (Chinese Primrose).—These are, perhaps, the most desirable of all house-blooming plants. They are in almost constant bloom all winter, and if the plants be transferred to the border, they will bloom nearly all summer. Height 9 inches.

Primula sinensis, mixed, per packet.....15c

Petunia.— One of the best flowers for a splendid display through the entire season. Beautiful new colors, striped and marked in the most diversified manner. The ease of culture, profuse and continuous bloom, render the Petunia one of the most valuable annuals and entitle it to a generous share in every garden. Hardy perennial.

Petunia hybrida, double mixed, per packet.....20c

" " striped blotched, per packet.....10c

" " single mixed, per packet.....10c

Phlox.—No flower excels this in all the qualities that make a popular annual. Brilliant and varied colors; continuous bloom. Height 18 inches.

Phlox Drummondii, mixed, per packet.....5c

" " Grandiflora, mixed, per packet.....10c

Poppy.—A great variety of brilliant colors and various shapes. They make a fine display growing among the taller flowers and shrubs.

Poppy Carnation, single and double mixed, per packet.....5c

" Shirley, mixed colors, per packet.....5c

" Tulip, bright scarlet, per packet.....5c

" Mikado, double white scarlet edge, per packet.....5c

Portulaca.—There are scarcely any flowers in cultivation that make such a dazzling display of beauty as a bed of many-hued, brilliant-colored Portulacas. Height 9 inches. Tender annual.

Portulaca, single mixed, per packet.....5c

" double rose, mixed, per packet.....10c



SINGLE PORTULACA.

*It pays to do business with progressive people;
we sell only seeds that grow, as proved by careful
soil tests.*

FLOWER SEEDS CONTINUED.

SWEET PEAS.

These are, perhaps, the most popular flowers grown. California is truly the paradise of Sweet Peas; here they bloom longer and more luxuriantly than anywhere else in the world. It was in California, too, that most of the Novelties introduced in recent years originated. You will find our Sweet Peas unequaled anywhere for largeness of bloom, and beauty and variety of color.

Alba Magnifica, pure white flowers.
Adonis, rose and carmine.
Apple Blossom, bright rose and pink.
Blanche Burpee, beautiful white.
Blanche Ferry, pink and white, large.
Blushing Beauty, very delicate pink.
Butterfly, white, laced with lavender.
Captivation, light claret.
Captain of the Blues, purplish mauve and pale blue.

Coquette, primrose shaded.
Delight, white, slightly edged crimson.
Duke of Clarence, brilliant rosy claret.
Emily Eckford, light mauve, wings blue.
Firefly, deep brilliant scarlet.
Her Majesty, large rose colored flowers.
Imperial Blue, blue shaded mauve.
Lottie Eckford, light ground, tinted lavender.
Orange Prince, orange, with pink wings.
Painted Lady, pink and white.
Primrose, pale primrose yellow.
Prima Donna, light blush-pink.
Queen of the Isles, white stripes on scarlet.
Senator, bright brown shaded on white.
Splendor, superb bright rose.
Stanley, rich dark maroon.
Venus, lovely salmon buff, shaded pink.
Vesuvius, violet, with dull crimson spots.

Per packet 5c
 Per ounce 10c



VESUVIUS SWEET PEAS.

Sunflower.—An exceedingly double variety of this well known plant, adapted by its stately growth for a background to the lawn or to screen unsightly places. Height 5 feet. Hardy annual.

Helianthus Californicus, per packet 5c

Smilax.—No climbing plant in cultivation surpasses this for the graceful beauty of its foliage. In cut flowers and for use in wreaths, etc., it is indispensable to florists. Height 10 feet. Tender perennial.

Myrsiphyllum asparagoides, per packet 10c

Salvia.—The *Salvia* or Flowering Sage is a very ornamental plant, flowering in spikes of fiery red, and continues in bloom in open ground until frost. Height 1 foot. Tender annual.

Salvia splendens, per packet 10c

Sweet William.—The improved varieties of this popular flower are very beautiful, and should find a place in every garden. A great variety of strong colors, variegated with lighter shades. Height 18 inches. Hardy perennial.

Dianthus barbatus, single mixed, per packet 5c
 " " double " " 10c



SWEET WILLIAM.

We pride ourselves on the purity of our seeds, their strong germinating powers, and on their being true to name.

FLOWER SEEDS CONTINUED.



TEN WEEKS STOCK.

Wall Flower.—The large, massive spikes of the Wall Flower are very conspicuous in beds and borders, and are deliciously fragrant, perfectly double, and combine many shades of color. Height 18 inches. Tender perennial.

Wall Flower, per packet.....10c

Wistaria Vines.—One of the quickest growing climbers, of fine bright foliage, producing bunches of rose-lilac flowers in great abundance during the spring. If once started it will live for five years. Height 20 feet. Hardy perennial.

Glycine sinensis, per packet.....10c

Zinnia.—Fine, large, double flowers of a great variety of colors—red, rose, crimson, scarlet, purple, orange, white and yellow. Height 2 feet. Half-hardy annual.

Zinnia, double, mixed, per packet.....10c

“ “ “ New Zebra, pkt. 10c



DOUBLE ZINNIA.

Stocks, Ten Weeks.—Plants grow about 1 foot high, making a compact bush, covered with splendid spikes of bloom. Height 1 foot. Hardy annual.

Stocks, dwarf double, Ten Weeks, mixed, per packet.....10c

Trumpet Vine.—Magnificent, deciduous, hardy climber, with brilliant flowers; deserving a first place as an ornamental and effective covering for walls, houses, etc. Height 20 to 30 feet. Hardy perennial.

Bignonia radicans, per packet.....10c

Verbena.—The most popular bedding plant grown from seed. The fine variety of colors make it one of the most desirable annuals in the Catalogue for general culture. Tender annual.

Verbena hybrida, mixed, packet 10c
“ pure white, sweet scented,
per packet10c

Violet.—The Violet should not be wanting in any garden, on account of its fragrance and early appearance, succeeds best in a shady, sheltered place. Height 4 inches. Hardy perennial.

Viola odorata, per packet.....10c

Virginia Creeper.—One of the best climbing plants for permanent situations, as it is perfectly hardy, clinging to the sides of whatever it may be grown against by the rootlets it throws out all along the stems. Height 50 to 100 feet. Hardy perennial.

Ampelopsis quinquefolia, pkt 10c

The proverb says we should do our utmost to encourage the beautiful as the useful encourages itself. Nothing can be more beautiful than a choice bed of flowers grown from our reliable and true-to-name tested flower-seeds.

Tree and Shrub Seeds.

We do not carry a large stock of these seeds as the demand is limited. What we do have, however, are always fresh, true to name and sure to grow.

ORNAMENTAL AND FOREST TREES.

| | Per pkt. | Per oz. |
|---|----------|---------|
| <i>Acacia Decurrens</i> .— Will grow well in arid places..... | \$.05 | \$.30 |
| <i>Acacia Lophantha</i> .— Very rapid grower..... | .05 | .25 |
| <i>Acacia Melanoxylon</i> .—"Blackwood," a valuable timber tree..... | .05 | .30 |
| <i>Brachychiton Acerifolium</i> .— Flame tree, very beautiful..... | .05 | .30 |
| <i>Camphora Officinalis</i> .— Camphor tree of commerce..... | .10 | .50 |
| <i>Cypress, Italian</i> .— Can be trained to any form..... | .05 | .25 |
| <i>Cypress, Lawson's</i> .— A handsome native variety..... | .05 | .25 |
| <i>Cypress, Monterey</i> .— Commonly used for hedges..... | .05 | .10 |
| <i>Cedrus Deodora</i> .— A beautiful evergreen..... | .10 | .50 |
| <i>Eucalyptus Globulus</i> .—"Blue Gum," a useful, rapid grower..... | .05 | .25 |
| <i>Eucalyptus Corynocalyx</i> .—"Sugar Gum," a very popular variety..... | .20 | 1.00 |
| <i>Eucalyptus Citriodora</i> .—"Lemon-scented Gum"..... | .50 | |
| <i>Eucalyptus Ficifolia</i> .— Produces bright crimson flowers..... | .50 | |
| <i>Eucalyptus Robusta</i> .— The best variety for street planting..... | .25 | 1.00 |
| <i>Eucalyptus Rostrata</i> .—"Red Gum," a fine durable timber tree..... | .10 | .50 |
| <i>Grevillea Robusta</i> .— A large, beautiful fern-like tree..... | .10 | .50 |
| <i>Picea Amabilis</i> .—"Silver Fir," a fine ornamental evergreen..... | .10 | .75 |
| <i>Sequoia Gigantea</i> .— California Big Tree..... | .10 | 1.00 |
| <i>Sequoia Sempervirens</i> .—"Red Wood," a most popular timber tree..... | .05 | .25 |
| <i>Thuja Aurea</i> .—"Golden Arbor Vitae"..... | .05 | .35 |
| <i>Thuja Occidentalis</i> .—"American Arbor Vitae"..... | .05 | .30 |
| <i>Viburnum Tinus</i> .—"Laurustinus"..... | .05 | .20 |

PALMS AND OTHER DECORATIVE PLANTS.

| | Per pkt. |
|---|----------|
| <i>Areca Lutescens</i> .— A beautiful decorative plant..... | \$.25 |
| <i>Chamaerops Excelsa</i> .— A hardy fan-palm..... | .05 |
| <i>Kentia Belmoreana</i> .— A most graceful palm..... | .25 |
| <i>Kentia Fosteriana</i> .— A handsome hardy sort..... | .25 |
| <i>Musa Ensete</i> .— Abyssinian Banana.. | .25 |
| <i>Phoenix Canariensis</i> .— A beautiful, hardy date palm..... | .10 |

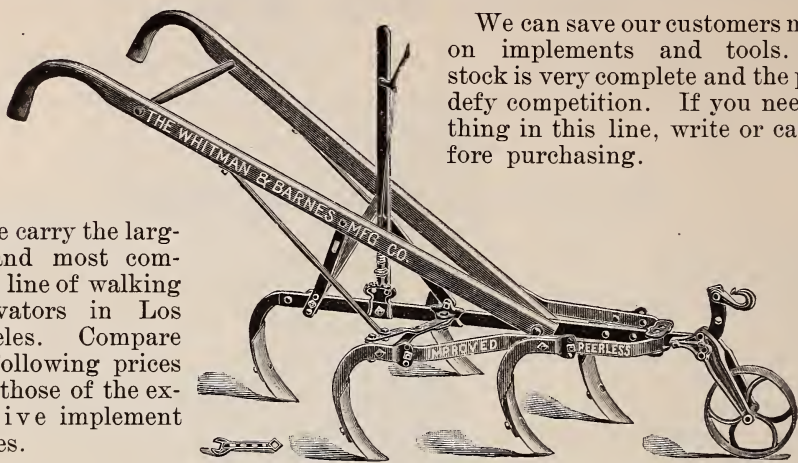


PHŒNIX CANARIENSIS.

| | Per pkt. | Per oz. |
|--|----------|---------|
| <i>Phoenix Dactylifera</i> .— Yields the date fruit of commerce..... | \$.05 | \$.10 |
| <i>Ptychosperma Alexandrae</i> .— The Alexandra Palm..... | .25 | |
| <i>Seaforthia Elegans</i> .— One of the finest house palms..... | .15 | |
| <i>Washingtonia Filifera</i> .— The California fan palm..... | .05 | .10 |

Horticultural and Agricultural Implements.

We carry the largest and most complete line of walking cultivators in Los Angeles. Compare the following prices with those of the exclusive implement houses.



IMPROVED PEERLESS CULTIVATOR.

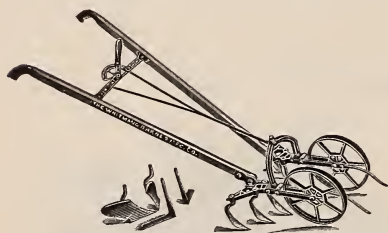
We can save our customers money on implements and tools. Our stock is very complete and the prices defy competition. If you need any thing in this line, write or call before purchasing.

CULTIVATORS.

Trix.—Five-tooth Cultivator. Our leader. A solid steel-frame. Very durable. Price \$2.

Improved Peerless.—Five-tooth Cultivator. Has solid steel frame with one bend in outside bars. Price plain \$3, with lever \$3.50. Horse Hoe attachments \$1 extra. Wheel 30c extra.

Improved Peerless.—Seven-tooth Cultivator. Description same as above with the exception of two bends in outside bars. Frame expands to 29 inches. Price plain \$3.50, with lever \$4. Wheel 30c extra.



Improved Western.—Seven-tooth Cultivator. This has a much heavier frame than the above. It is the best walking Cultivator made. Price plain \$4, with lever \$4.50. Wheel 30c extra.

Improved Western.—Nine-tooth Cultivator. The best tool of the kind on the market. Frame expands to 4 feet. Price \$6. Wheel 30c extra.

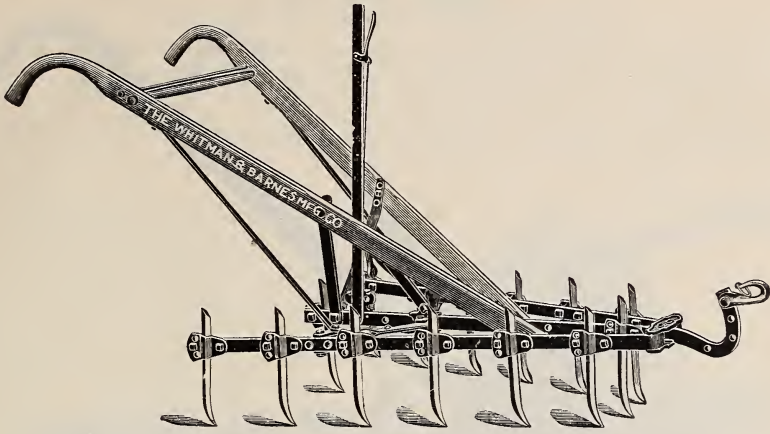
Improved Western.—Eleven-tooth Cultivator. Very heavy frame, expands to 4½ feet. Price \$6.50. Wheel 30c extra.

Diamond Five-tooth Garden Cultivator.—Plow, Hoe and Weeder combined. The most complete hand tool made, and the only single wheel hand Cultivator having five teeth. Simple, strong and very light in weight. Price, complete with all attachments, \$4.50.

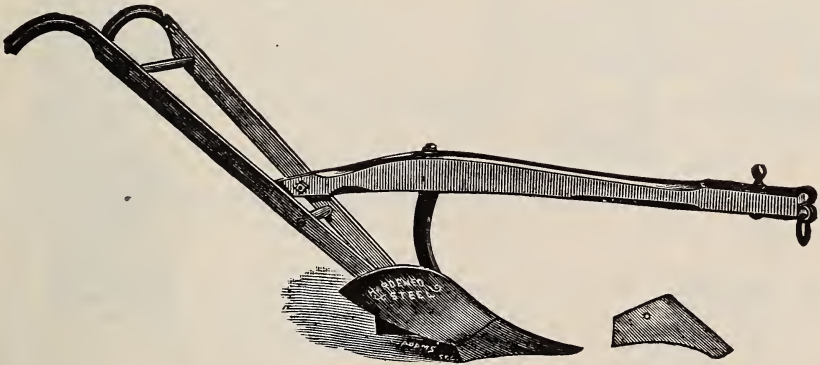
Diamond Double Wheel Cultivator.—A six-tooth Cultivator, Plow and Hoe combined. Will straddle plants 18 inches high. In an onion field and in other crops one can do better work with it than with any other tool. Price, complete with all attachments, \$6.00.



HARROWS AND PLOWS.



Western Steel-Frame Harrow.—With or without lever and with or without wheel. Wheel and wheel lever are extra, and are only furnished when specially called for. The above cut represents the most complete and perfect harrow on the market, combining, as it does, a field cultivator and garden harrow and pulverizer. The teeth are so arranged that one end is the cultivator and pulverizer, while the other end is the harrow. By a very simple device the slant of the teeth can be changed so that the tool can be made a perfect smoothing harrow. It has 14 diamond teeth $5\frac{1}{2} \times 7\frac{1}{8}$ inches, drawn to a cutting edge on one end. Price plain \$3.50, with lever \$4. Wheel 30c extra.



One-Horse Steel Plow.—Seven-inch. A light plow made of the best cast steel, hardened and well finished. We can furnish duplicate points at any time. Price, including extra point, \$4.

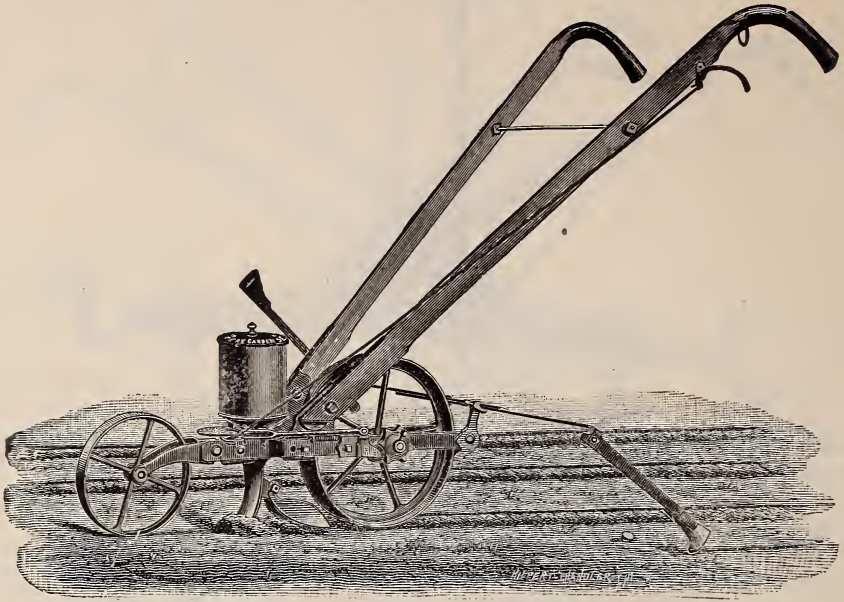
One-Horse Steel Plow.—Eight-inch. Similar to the above. Price, including extra point, \$4.50.

Perfection Chilled Plow.—Ten-inch. This is the best light two-horse plow. Finely finished; perfect in workmanship. Price \$7.

Perfection Chilled Plow.—Twelve-inch. Similar to the above. Furnished with extra slip-nose point. Price \$8.

We are headquarters for Lawn Mowers. See page 55.

SEED DRILLS.



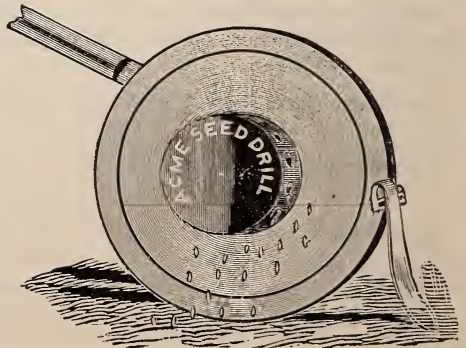
WESTERN GARDEN DRILL.

Western Garden Seed Drill.—Sows with the greatest regularity in a continuous row. Can be adjusted to sow beets, peas, corn, etc., down to the smallest seed. Exceedingly light in weight and easily manipulated. We believe it to be the best hand drill. Price \$7.

Diamond Runner Horse Drill.—Can be regulated to drill any desired quantity. Each drill furnished with extra plates to plant beets, beans, peas, corn, sorghum, millet, etc. Has a force feed which never clogs. Sure to give satisfaction. Price \$12.

Marietta Planter.—Sows corn, peas, beans, down to the smallest seeds with the greatest regularity. Easily adjusted. One of the best drills made. Price, including all extra plates, \$10.

Acme Seed Drill.—A garden seed drill that will distribute beet, cabbage, celery, carrot, lettuce, radish, turnip, and all similar seeds with perfect regularity. It is utterly impossible for it to sow anything but accurately, doing the work as thoroughly as the costly machines, and will cover ten times the ground that can possibly be covered by hand. It is simple in construction, so easily understood that a child can be instantly taught to use it; so simply constructed it is impossible to get out of order. By using the Acme Drill, you secure a better stand, get healthier and stronger plants and save time. You cannot afford to be without one. Price 75c. By mail prepaid \$1.



Our motto in this department: "The Best Implements for the Least Money."

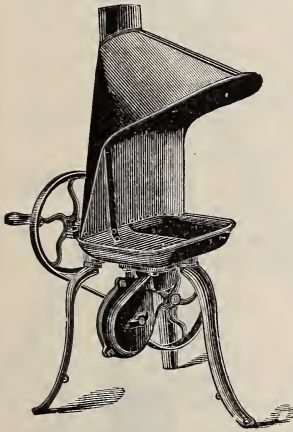
PORTABLE FORGES.

FOR RANCHERS, PROSPECTORS AND MINERS.

Our stock of Portable Forges and Blowers is most complete, and we are prepared to meet any and all competition on them. During the past year, we have sold more Forges than all the other dealers combined, because we have absolutely the best Forge, and are in a position to sell at a less price than our competitors are able to buy. The Forge we handle, and for which we are exclusive agents, the "Marietta," has many improvements and advantages over the other makes which will repay an examination if you are thinking of purchasing. Send for special catalogue of Forges and Blowers. We mention but three here, but have many styles in stock, suitable for all purposes.

No. 6 Lever Forge.—We have been making a leader of this Forge, and at the price it is hard to beat. The size is one of the best for general purposes, and it is well adapted to welding and tempering tools of all kinds. The diameter of the hearth is 21 inches. Other dealers are endeavoring to sell a forge with an 18-inch hearth to compete with this, but it is easily toppled over, requiring one man to hold the piece in the fire to prevent it. This size obviates all that difficulty. Net weight 100 lbs.; height 29½ inches. Price \$10.

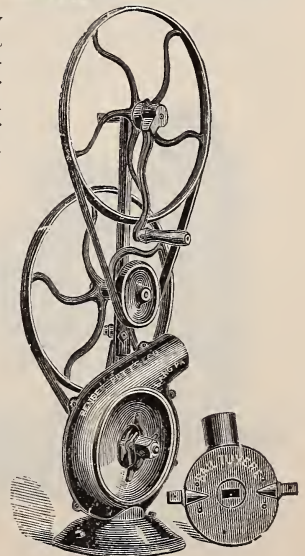
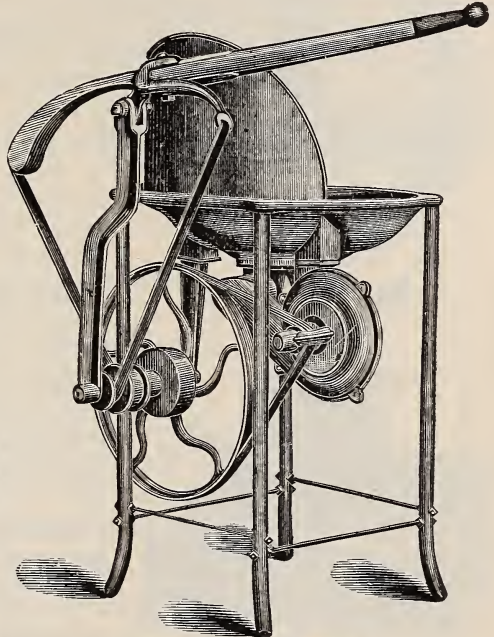
No. 9 Bench Forge.—This Forge has been eagerly purchased by prospectors, its small size and light weight (22 pounds) making it easily handled and packed. Its construction is simple, and there is nothing to work out of order. Size of hearth 10x12 inches. Price \$6.50.



Marietta Blower.—This is the gem blower, made with either crank or lever motion. It is the cheapest and most effective blower for prospectors and miners, one that can be easily taken apart and boxed or loaded on a pack mule. There is no intricate machinery to be constantly breaking or wearing out. It can be run backward or forward, standing on the floor or bolted upside down to the ceiling. and has sufficient capacity for all blacksmith work. It has given perfect satisfaction wherever used. Price \$10.

The Champion Agricultural Lever Forge.—Especially built for farmers' use or light repairing work. A very popular low-priced Forge, and while we prefer the Marietta, we can recommend the Champion to give good satisfaction. Size of hearth 18 inches, weight 65 pounds, height 30 inches. Price \$8.

Bear in mind that we are headquarters for all Garden and Orchard Implements, and that our catalogue only gives the leading makes. We are at all times ready to supply any particular implement not mentioned specifically in these pages at the lowest ruling market price. If you will kindly inform us as to your wants, we will cheerfully quote you prices and particulars by return mail.



FARMERS' SUNDRIES.



GRANGER SEED SOWER.

Improved Granger Seed Sower.—For sowing alfalfa and all grains broadcast. Sows from 4 to 8 acres per hour at a common walking gait. A saving of four-fifths of the labor and one-third of the seed is effected by its use, and a person entirely unused to sowing by hand can use this machine with perfect success. Price \$3.

Chicago Seed Sower.—Sows perfectly even any quantity desired per acre. Will sow 30 to 40 feet at a round, and from 3 to 6 acres per hour. Weighs less than 3 pounds and is the lightest sower made. Price \$1.50.

Easy Corn Sheller.—Strong, simple and durable. Will shell easily and rapidly. It will also separate cob from shelled corn. We guarantee every Sheller to give satisfaction. Price \$1.50.

Black Hawk Pop Corn Sheller.—A small-sized Sheller similar to the above, especially adapted to shelling pop corn. Price \$1.50.

World's Champion Corn Sheller.—The best low-priced Corn Sheller made. Does not break the grain. Turns easily with a short crank, which does not tire the back, and shells more rapidly than any hand sheller yet invented. Price \$2.50.

Comet Hand Corn Planter.—A first-class, low-priced, slide-drop Planter. Is made of best material. Has large steel blades. Price 75c.

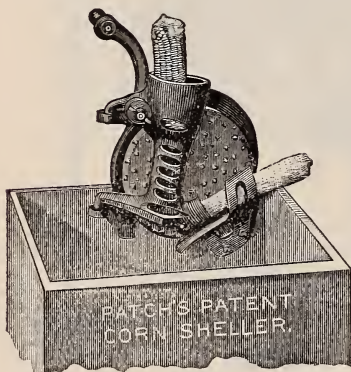
American Corn Planter.—Slide drop; can be used with one or both hands. Weight complete, only 4 pounds. Price \$1.

Eagle Corn Planter.—Rotary-drop, with extra plates for different size corn. This is the best hand Planter made. Price \$1.25.

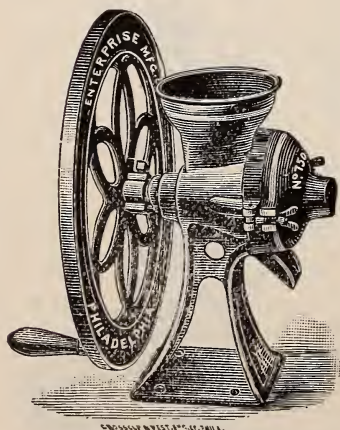
Enterprise Bone Mill.—This is the best moderate-priced Bone and Shell Mill. It is also especially adapted to grinding corn, roots, bark, grain, chicken feed, etc. If the bones and shells are dried thoroughly by heating, or otherwise, before grinding, the Mill will be found to work to better advantage. Price \$7.



CORN PLANTER.



EASY CORN SHELLER.



ENTERPRISE BONE MILL.

ORCHARD AND GARDEN REQUISITES.

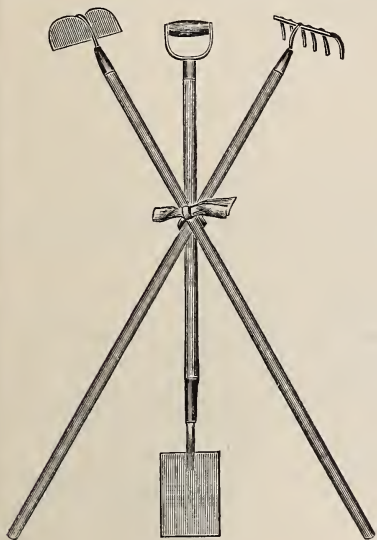


CLIPPER CORN KNIFE.

Blood's Grass Hook.—Solid steel hook with double back, perfectly balanced. Perfect shape, and the strongest hook made. Designed for cutting grass, but extensively used for cutting weeds, trimming hedges, shrubbery, etc., and as a corn cutter in place of a corn hook. Price 25c.

Clipper Corn Knife.—Straight taper blade, 17 inches long. Finished in green. Price 30c.

Garden Set.—Solid steel rake, hoe and spade. This is a well made practical set, and is not a toy. Price complete \$1.



GARDEN SET.

below manufacturers' prices. Write for special quotations on large lots.

Floral Set.—3 [piece; a small rake, hoe and trowel. Price complete 25c.]

Floral Set.—4 piece; better finished than the above. Has fork, hoe, rake and trowel. Price complete 50c.

Trowel, Garden, steel blade. Price 10c.

" Primrose, riveted blade. Price 15c.

" Extra heavy steel (No. 10). Price 25c.

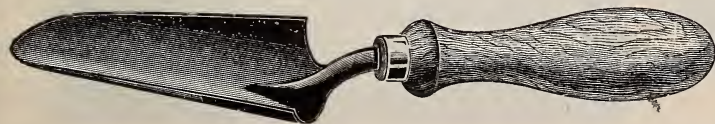
" Extra heavy English (No. 16). Price 35c.

Yucca Tree Protectors.—

We have a large stock of these which we can sell at 10%



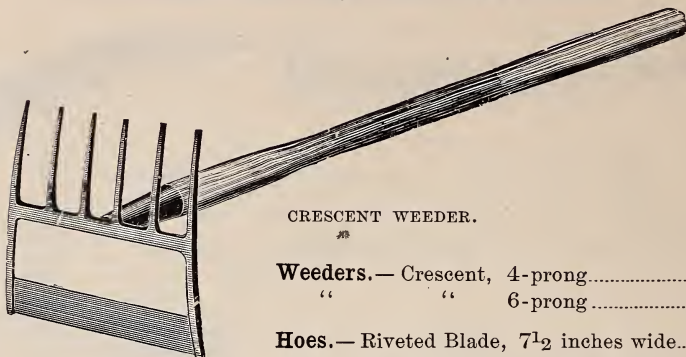
TREE PROTECTOR.



STEEL TROWEL NO. 10.

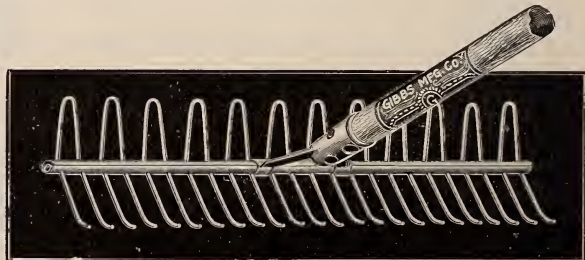
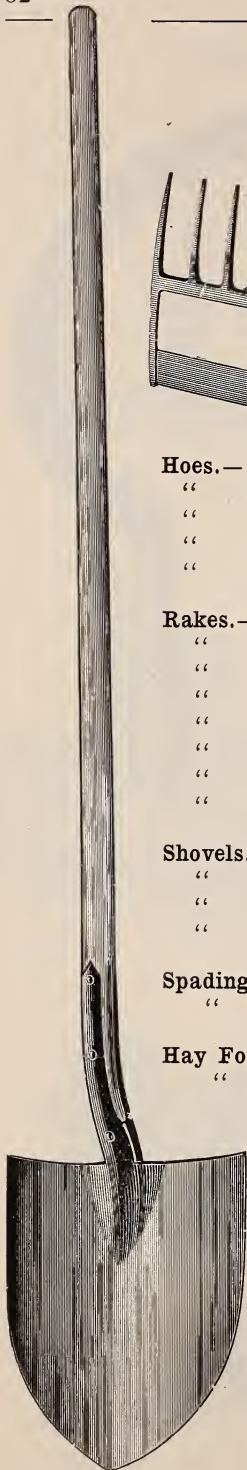
You are not safe unless you buy tested seeds. Our seeds are all tested and are sure to grow.

ORCHARD AND GARDEN REQUISITES CONTINUED.



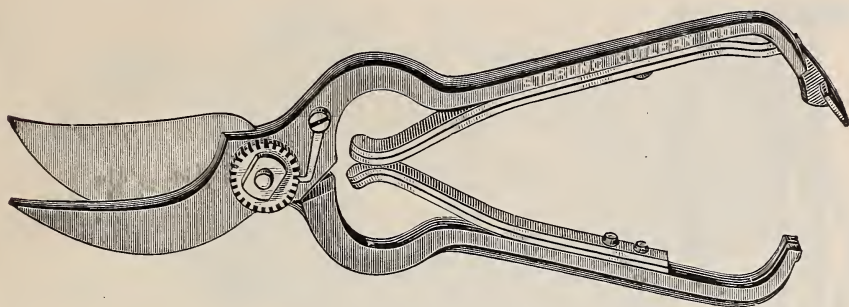
CRESCENT WEEDER.

| | Price. |
|---|--------|
| Weeders. — Crescent, 4-prong..... | \$.35 |
| “ “ 6-prong..... | .45 |
| Hoes. — Riveted Blade, 7½ inches wide..... | .25 |
| “ Shank Garden, 8 inches wide..... | .35 |
| Hoes. — Socket Garden, 8 inches wide..... | .40 |
| “ Sandusky Planter's, 9 inches wide..... | .50 |
| “ “ “ 9½ inches wide..... | .60 |
| “ “ “ 10 inches wide..... | .70 |
| “ Acme Cultivator..... | .50 |
| Rakes. — Garden, Malleable, 10-tine..... | .20 |
| “ “ “ 12-tine..... | .25 |
| “ “ “ 14-tine..... | .30 |
| “ “ Steel Bow, 10-tine..... | .40 |
| “ “ “ 12-tine..... | .45 |
| “ “ “ 14-tine..... | .50 |
| “ “ “ 16-tine..... | .55 |
| “ Electric Lawn..... | .40 |
| Shovels. — Stanley, plain back, long handle..... | .75 |
| “ “ “ D. handle..... | .75 |
| “ “ square point, long handle..... | .75 |
| “ “ “ D. handle..... | .75 |
| Spading Forks. — Crescent, short handle..... | .75 |
| “ “ “ long handle..... | .75 |
| Hay Forks. — Crescent, 3-tine..... | .65 |
| “ “ 4-tine..... | .75 |
| Manure Forks. — Eureka, strapped..... | .50 |
| “ “ Crescent, strapped..... | .65 |



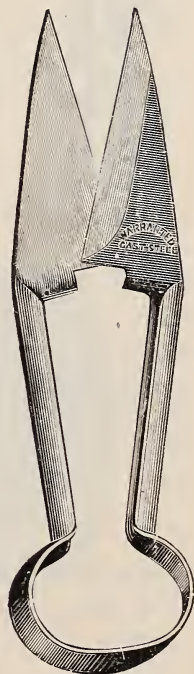
ELECTRIC LAWN RAKE.

ORCHARD AND GARDEN REQUISITES CONTINUED.

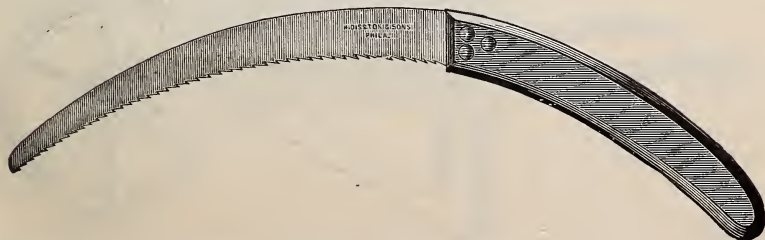


STERLING PRUNING SHEARS.

| | Price. |
|---|--------|
| Pruning Shears. —Malleable handle | \$.35 |
| “ “ (1661). A good cheap Shear | .50 |
| “ “ Rogers, a standard Shear..... | 1.00 |
| “ “ Russell’s, very strong spring | 1.25 |
| “ “ Sterling, the best make, price includes extra blade..... | 2.00 |
| “ “ Flower Picking, holds the cut ends..... | .75 |
| “ “ Ladies’ Rose, a handsome small nickle- plated Shear..... | 1.00 |
| Pruning Saws. —California, 12-inch..... | .50 |
| “ “ “ 14-inch..... | .65 |
| “ “ Duplex 14-inch..... | .50 |
| Grass Shears. —Straight blade, light..... | .25 |
| “ “ Extra heavy, strong spring..... | .50 |
| Pruning Knives. —Jordan’s “AaA1” (6209)..... | .75 |
| “ “ “ “ (6214)..... | .80 |
| Budding Knives. —“ “ “ (6235)..... | .50 |
| “ “ “ “ (6160)..... | 1.00 |
| “ “ “ “ (6052)..... | 1.10 |
| “ “ “ Model, Westcott’s Pattern..... | 1.25 |

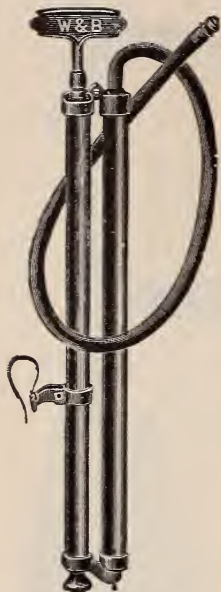


GRASS SHEARS.



CALIFORNIA PRUNING SAW.

ORCHARD AND GARDEN REQUISITES CONTINUED.



BUCKET PUMP.

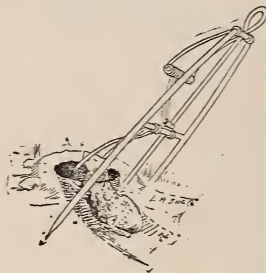
W. & B. Barrel Spray Pump.—Very powerful and easy to operate; will throw an even mist-like spray over any fruit tree. Price \$6. Hose, nozzle and extension extra.

W. & B. Bucket Spray Pump.—The W. & B. Pump is carefully made throughout with brass cylinders, brass base, and rubber valves; all working parts easy to get at. Has special spring attachment for attaching to and detaching from a bucket or vessel in an instant. Has three-ply hose securely fastened to the top of the air chamber, not exposed to the solution, and within easy reach of the operator. It is also provided with a

broad, high, serviceable hand hold that is appreciated at once, as the pumping is all done on the down stroke, thus the operator can keep a constant pressure on the nozzle and accomplish satisfactory results with either the sprayer or continuous stream. Price \$3.



SNAP SHOT GOPHER TRAP SET.



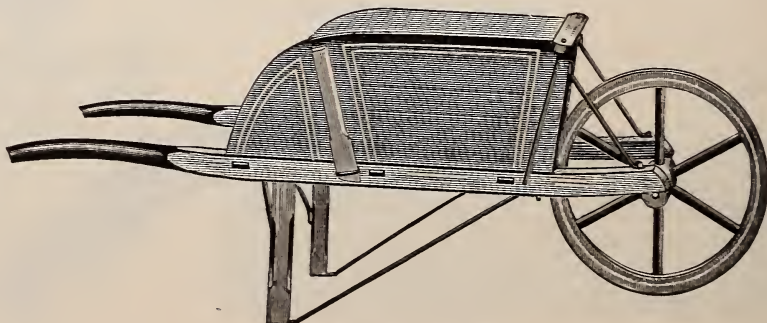
SNAP SHOT GOPHER TRAP SPRUNG.

Snap-Shot Gopher Trap.

—The surest, best and most durable trap made. Will outlast a dozen ordinary traps. Price 35c, \$3.50 per dozen.

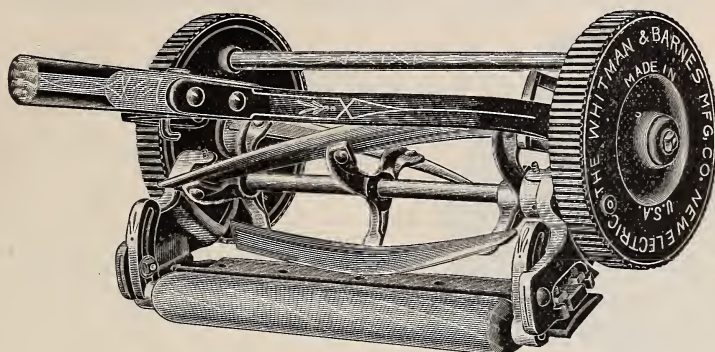
Common Bolted Wheelbarrow.—Very strongly made. Has iron wheel. Price \$2.

Globe Garden Wheelbarrow.—We guarantee this barrow to be better made and more neatly finished than any other garden barrow on the market. Made with iron wheels only. Price \$4.



GLOBE GARDEN BARROW.

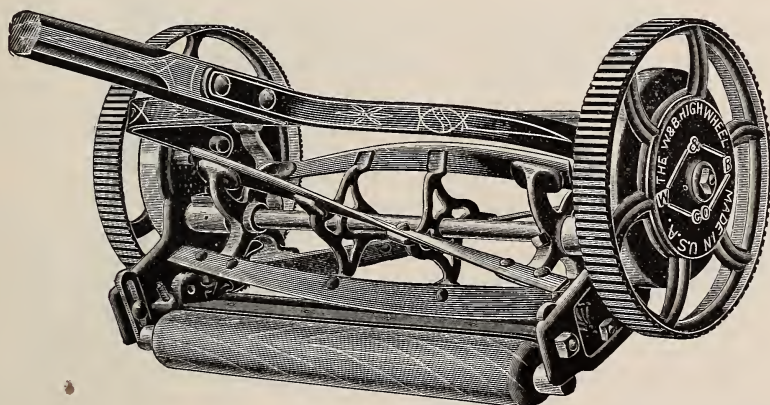
Lawn Mowers.



NEW ELECTRIC LAWN MOWER.

New Electric Lawn Mower.—The best low-priced mower. Is handsomely finished, giving it a very attractive appearance. Very light running, and is as near a continuous cut as is practicable for any mower. In cutting, height of grass can be varied from $\frac{1}{2}$ -inch to $1\frac{1}{2}$ -inches as may be desired. Has long bearings made of phosphor-bronze, the best wearing material known. Noiseless ratchets; ball and socket pivot bed knife; high-speed cutter; adjustable handle. We fully guarantee it if properly handled.

| | | |
|---------------------|-----------|--------|
| 12-inch cut, weight | 30 pounds | \$2.75 |
| 14 " " " | 33 " | 3.25 |
| 16 " " " | 35 " | 3.75 |
| 18 " " " | 38 " | 4.25 |



W. & B. HIGH WHEEL.

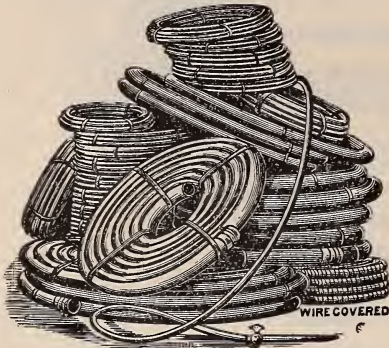
W. & B. Low Wheel Mower.—The highest grade mower made. Its mechanical construction is as near perfection as it is possible to attain. *Entirely noiseless.*

| | | |
|---------------------|-----------|--------|
| 12-inch cut, weight | 38 pounds | \$5.00 |
| 14 " " " | 41 " | 6.00 |
| 16 " " " | 45 " | 7.00 |
| 18 " " " | 47 " | 8.00 |

W. & B. High Wheel Mower.—Superior to any high wheel mower now on the market, no matter how much higher the price. Fully guaranteed to be perfect in every respect. Gardeners will find it the most durable and reliable mower they can use.

| | |
|-------------|---------|
| 14-inch cut | \$ 8.00 |
| 16 " " | 9.00 |
| 18 " " | 10.00 |

Garden Hose, Nozzles and Sprinklers.



J. & M. HOSE.

We have the most complete line of Garden Hose in Los Angeles, and our prices are the lowest at which hose of equal quality can be sold; in addition we offer special inducements to our customers in the way of extras furnished gratis, which make it well worth while to purchase from us.

THREE-QUARTER INCH HOSE.

| | PER FOOT |
|---------------------------------|----------|
| Competition | \$0.06 |
| J. & M. Seed Co's Standard..... | .08 |
| " " Criterion..... | .10 |
| " " Superior..... | .12 |
| " " Excellent..... | .14 |
| " " High Pressure..... | .16 |
| " " 8-Ply Hose..... | .18 |

☞ All hose sold under J. & M. Seed Co's brand is fully guaranteed.



GEM HOSE NOZZLE.

HALF-INCH HOSE.

| | PER FOOT |
|-----------------------|----------|
| Competition | \$0.05 |
| Goodyear Pioneer..... | .07 |
| " Elk..... | .09 |
| " Indian Chief..... | .11 |

We carry all sizes of hose. Write for prices.

PRICE LIST OF SUNDRIES.

HOSE NOZZLES

| | |
|---------------------------------------|----|
| Gem, throws straight stream or spray, | 35 |
| Boston, " " " | 35 |
| Ideal, " " " | 35 |
| Boss, " " " | 35 |

SPRINKLERS.

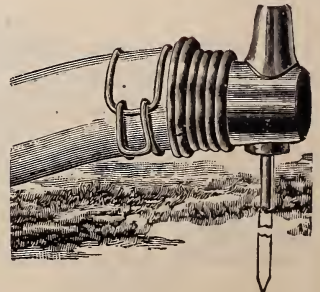
| | |
|---------------------------|----|
| Wilgus, very popular..... | 35 |
| Cleveland..... | 35 |
| Deluge..... | 50 |
| Elgin..... | 50 |
| Little Wonder..... | 25 |

HOSE REELS.

| | |
|----------------------------------|------|
| Marietta..... | 75 |
| Excelsior, holding 100 feet..... | 1.50 |
| " " 200 "..... | 2.25 |



MARIETTA REEL.



LITTLE WONDER SPRINKLER.

Plant Department.

During the past season we received so many requests from our out-of-town customers to secure flowering and decorative plants for them that we have found it imperative to add a price list of such stock to our general catalogue. To better facilitate the filling of such orders we have formed a connection with Messrs. Howard & Smith, whom we consider the most reliable nursery-men in Los Angeles, and whose stock is second to none. We are confident that our customers will be well pleased with anything in this line they may obtain through us, and we respectfully solicit a trial order from everyone.

PALMS AND FERNS.

Owing to a lack of space we are unable to list our choice assortment of Palms, Ferns, and other decorative plants. A special price list of these will be sent on application.

A WORD TO PURCHASERS.

Packing.—The prices here given include packing and delivery to any express or freight office in Los Angeles. We exercise the greatest care in the packing of plants, at the same time using light boxes and material, so as to reduce shipping charges to a minimum.

Safe Arrival Assured.—We guarantee the safe arrival of all plants *sent by express*. Should anything be injured in transit we would urge our customers to notify us at once on receipt of the goods, and in every case send us a list of what has been damaged, so that we can replace them without delay. But when they arrive in good condition our responsibility ceases, and if from inattention or other causes they fail and complaint is then made, we cannot replace them. *Plants sent other than by express are entirely at risk of purchaser.*

All Plants Named.—Every plant sent out by us is distinctly labeled, no matter whether single plants or sets are ordered.

Purchasers' Choice.—Choice of plants always complied with if remittance is made in full. Growing so many different varieties, our stock of some will occasionally become exhausted; to provide for such an emergency, we request that an additional plant or two be named at the end of the order from which we may select. This list of substitutes will not be used, except in case of necessity.

Express Orders.—Where purchasers do not live at too great a distance from us, we would advise ordering plants shipped by express, as in many cases it gives us a chance to furnish larger plants than can be sent by mail.



CARNATION LOS ANGELES.

Carnations.

Our collection of these fragrant, hardy flowers is a very complete one, comprising many of the best standard sorts and some very fine seedlings of our own raising.

The popularity which carnations have attained of late years has led to an increased demand for fine varieties, and with this in view we have discarded all inferior sorts and retained only those which have proven to be the best in their respective classes.

Owing to a want of space we are unable to give a detailed list of the varieties we have, hence in ordering it will only be necessary to state colors desired. We can supply all the self-colors, such as white, scarlet, crimson, pink, yellow, etc., and many of the fancy striped varieties. Strong plants from 2-inch pots 10c each, per doz \$1. Extra strong stock, ready April 1, 15c each, per doz \$1.50.

Standard Varieties of Tea and Hybrid Tea Roses.

The following list of Roses comprises a selection of the best and most useful varieties only, and such as have proven suitable to this climate. It will be noticed that nearly all those listed belong to the Tea, or Hybrid Tea section. This type has gained universal popularity, a fact that is not remarkable when we consider their many points of merit, such as rapid growth, free flowering qualities, etc.

Fine thrifty young plants from 3-inch pots 20c each, \$2.00 per dozen, unless otherwise mentioned. We can supply large field grown plants of nearly all the varieties offered at 25c to 50c each.

The Bride.—An indispensable white rose and one of the most extensively grown of its color.

Bridesmaid.—A pink sport from that old favorite, Catherine Mermet; an exceptionally fine variety.

Christine de Noe.—This rose is simply a double Gontier of about the same color; red, shading to lake at the center.

Clotilde Soupert.—Color a handsome pearly white with deep rose center; as the flowers mature they turn almost to pure white.

Duchess de Brabant.—A beautiful free blooming rose of a delicate shell pink, shading to salmon at the center and exquisitely perfumed.

Duchess of Albany.—The red La France; a grand rose of large size, resembling its parent in every respect save color, which is a very deep pink without any shading.

Etoile de Lyon.—A magnificent yellow, somewhat similar to Perle des Jardines in color, but of rather a deeper shade. One of the finest golden yellow varieties grown.

Mad. Franciska Kruger.—A deep copper-yellow rose of large size and handsome form, not a new sort, but one of the best of its color ever introduced.

H. M. Stanley.—A handsome variety of a peculiar shade of amber, merging into yellow at the center.

Gen. Jacqueminot.—A magnificent velvety crimson and one of the finest of all the Hybrid Teas.

Kaiserin Augusta Victoria.—A new rose which is without question one of the grandest whites in cultivation. It is a strong grower, producing very large flowers; very sweetly scented.

Maman Cochet.—One of the newer roses and a variety which has come to stay. The bud is long and pointed, double to the center and a beautiful shade of silvery pink.

Mad. Elie Lambert.—A counterpart of Mad. de Watteville, except that the colors in each case are a deeper shade, being a rich creamy white, the tips of the petals edged deep rose. An extra fine variety.

Mad. Welche.—A large flower with the outer petals a beautiful clear yellow, the inner ones, being of various shades of copper and orange.

Mad. de Watteville.—The Tulip Rose of Europe, so called because of the feathery shadings of deep rose at the edge of the petals, base of same a delicate creamy white.

Marie Van Houtte.—A pleasing shade of straw yellow tinged with pink at the edges of the petals. A very free bloomer and one of the best roses for general cultivation.

Marie Guillot.—Pure white, a free bloomer with flowers of good size. One of the best.

Meteor.—An ever-blooming rose of a deep rich velvety crimson color. Flowers of fine shape and a variety of proven merit.

Pink Soupert.—Color a clear bright pink, otherwise it preserves the same characteristics as its prototype.

Papa Gontier.—Carmine crimson with long pointed buds; an elegant rose for cut-flower purposes and everywhere a favorite.

Paul Neyron.—The largest of all roses. A variety we strongly recommend; color, a charming bright pink.

Mad. Pierre Guillot.—A large flower of a bright crimson color; very sweetly scented.

Princess de Sagan.—Color a bright crimson scarlet with a velvety lustre to the petals. Flowers of medium size and very free.

Rainbow.—A striped sport from Papa Gontier, and one of the best in the class of oddities. Color bright pink striped with crimson.

Triomphe de Pernet Pere.—Flowers very large and fragrant. Color a beautiful magenta rose, often shaded with crimson.

White La France.—A beautiful shade of very light pink, changing to nearly white; extra large.

La France.—The finest of all pink roses. Flowers very large and fragrant; the best variety for hedges, etc.

Mad. Lambard.—Color deep rose pink, the outer petals shading to crimson; at certain seasons the buds are almost as dark as those of Papa Gontier. A very fine Tea Rose, of strong vigorous growth.

Perle des Jardines.—A deep golden yellow of about the same shade as Marechal Neil; flowers very double and highly perfumed.

Lauretta.—One of the freest bloomers known; in this climate it flowers at all seasons. Elegant for cutting; color a light waxy pink.

Vicks' Caprice.—The best striped rose in cultivation, and for a Hybrid is a very free bloomer. Color, light pink, broadly striped rose. Large plants only. Each 35c.

CLIMBING ROSES.

Crimson Rambler.—This climbing rose, imported to England from Japan some two or three years ago, has become very popular. The flowers are borne in great clusters completely covering the plant. Color is a peculiar shade of crimson. Each 20c to 50c.

Pink Rambler.—One of the best of all the Rambler family; color, pink shading to rose. Extra. Young plants, each 20c.

Cherokee.—A rampant grower with bright glossy green foliage and double pure white flowers, a fine sort of great value where a thick screen of foliage is desired. Large plants, each 25c.

Climbing Meteor.—A climbing form of the well known Meteor. We believe it will prove a close rival to Henrietta, when better known. Color velvety red. Each 20c.

Climbing Wooton.—A very handsome red climber. In size and color it is the exact counterpart of its dwarfer parent. A very vigorous grower. Each 20c.

Climbing Niphetos.—A climbing rose of unquestionable merit. Buds very long and pointed; flowers pure waxy white. Each 20c.

Beauty of Glazenwood.—This rose is also known as "Fortune's Yellow," "Gold of Ophir," etc. Color, pink with shading of yellow and copper. Flowers semi-double and borne in great profusion. Extra large plants, each 50c.

Reine Marie Henrietta.—The finest of all the red climbers, being a vigorous grower and producing very large flowers of a deep cherry red color. Each 20c to 50c.

La Marque.—This variety is unquestionably the freest bloomer and strongest grower of all the climbing white roses, and is as handsome in its fully developed state as in the bud form. Each 25c.

Yellow Rambler.—A very vigorous grower with flowers of a pleasing shade of yellow, borne in immense clusters and a good companion to the other varieties of the Rambler family.



HOWARD & SMITH'S SCARLET (REDUCED SIZE.)

Verbenas.

There are few plants more desirable for bedding or broad effects in the flower garden than the Verbenas, affording as they do bright and lasting masses of color. The varieties enumerated below possess sterling worth and pronounced characteristics. Particularly is this true of the Howard & Smith's Scarlet, which we are offering for the first time this season, and which can be commended as a decided novelty of real merit. The plants are all fine pot-grown stock, propagated from selected wood. Per dozen 50c, unless otherwise stated.

Mrs. Cleveland.—A fine pure white, with an extra large truss. A free and continuous bloomer; the best white.

Countess of Oxford.—A rose pink of immense size; the best of this color in the mammoth class.

Howard & Smith's Scarlet.—(See cut.) This variety, of our own raising, is one of the most magnificent verbenas ever sent out. The color is an intense velvety scarlet without the large circular white eye prevalent in scarlet verbenas generally. For massing it is unsurpassed, producing a vivid sheet of color. The individual florets are of immense size and are borne in large bold trusses. Each 15c, per dozen \$1.50.

Mammoth Verbenas.—(Seedlings.) Where no particular effect in color is required these are very useful; the colors range from pure white to deepest purple including many intermediate shades. Per doz 35c.

Dahlias.

It is generally acknowledged that the Dahlia is the coming flower; this is easily understood when we take all its good points into consideration, viz: the long period of bloom, extending over several months, and its prodigal profusion of flowers. The newer cactus varieties, with their long, claw-like, twisted and curled petals, form subjects, which for decorative purposes, cannot be excelled. Unlike chrysanthemums, they require no artificial manipulation to produce good flowers, growing to immense size with no other trouble than staking and watering.

The following collection of Cactus Dahlias is, without exception, the finest and most complete set of recent introductions ever offered to the people of this section. As they are nearly all novelties imported from Europe last year, we will be unable to supply any dry roots, but can furnish them as pot plants after April 15. Orders should reach us early as the stock of some varieties is limited.

Cochineal.—A dahlia of the decorative cactus type. Flowers very large and of a bright scarlet color. Each 25c.

Ernest Spreckelen.—An extra fine sort of a bright rose color, with true cactus form. One of the best. Each 35c.

Annie Jones.—Crimson, shaded scarlet; petals twisted. An early and free bloomer. Each 35c.

Harry Stredwick.—(See cut.) The crack new English sort; without exception the best formed cactus flower yet produced. Color a rich fiery crimson. Each 35c.

Fusilier.—Deep salmon or coral pink, the back of the petals tinted lilac. Extra. Each 35c.

Jaurezi.—The original dahlia representing the cactus type. Color bright scarlet. Each 20c.

Lady Kerrison.—A show dahlia of good form. Color white, tinted pink. Useful for cutting. Each 20c.

Delicata.—One of the finest Cactus Dahlias yet raised; the color is a bright pink deepening to yellow at the center. Extra. Each 25c.

Blanche Keith.—The petals are long and twisted, and of an even clear yellow throughout. Large and fine. Each 25c.

Mrs. Gordon Sloane.

—A fine sort of true cactus form. Each 25c.

Faust.—A large decorative cactus variety.

Color almost black. Extra. Each 20c.

Fire King.—Color a

rich crimson. A large well formed flower. 25c.

Mrs. Montefiore.—A

rich glowing scarlet of the true cactus type with flowers borne well above the foliage. Each 25c.

Duke of Clarence.—A

deep velvety maroon, with flowers borne in great quantities. Useful for cutting. Each 25c.

Mrs. Wilson Noble.—

One of the best of the new cactus varieties. A shade of salmon suffused with yellow at the center. 25c.

Mrs. Peart.—A very

fine white. The petals are fluted and regularly twisted throughout the flower. Each 25c.

Triomphe de Salamon.—Purplish crim-

son; blooms of large size. An extra fine sort. Each 25c.

Fata Morgana.—A magnificent pale lav-

ender, flower of immense size; petals very broad. Excellent for cutting. Each 35c.

Mrs. Fell.—White tinted rose, a beautiful cactus form. One of the best nearly pure

whites yet introduced. Each 25c.

Junco.—The flowers of this variety are a deep maroon, shading to crimson; the disposition of the colors and the fine habit of growth, combined with the large size of the flowers make it a very useful and desirable variety. Each 25c.

Mrs. Vince.—A pleasing shade of lavender pink. Each 25c.**Sonnen Cactus.**—A magnificent lemon yellow; the best of this color. Each 25c.

Viscountess of Folkstone.—A true cactus variety; color, orange buff shaded yellow. Each 25c.

Germany.—A soft pink shading to white at the tips of the petals. Each 25c.**Ernest Glasse.**—Bright magenta; cactus form. Extra. Each 25c.

Countess of Radnor.—Flowers of true cactus shape; color salmon rose, shaded yellow. Each 25c.



HARRY STREDWICK (1/2 NATURAL SIZE.)

Kobald.—This is the grandest fancy cactus variety raised to date. The ground color is a brilliant orange, striped and mottled with scarlet. Each 50c.

Spirale.—A large flowering variety with the color a peculiar shade of buff. Each 20c.

Ernest Cannell.—Flowers a soft red, deepening toward the center. Fine cactus form. Each 20c.

Giant Cactus.—A very large flower of a shaded apricot color. Each 20c.

Violet Cactus.—Flowers large and of an intense plum color. A rich shade. Each 25c.

King of the Reds.—A dazzling orange red, very large and handsome. Each 25c.

Mrs. Barnes.—A soft primrose yellow, shading to pink at the tips of the petals. Extra. Each 35c.

Curiosum.—Deep lilac rose, veined with crimson. A striking shade. Each 25c.

Tiger.—This variety is one of exceptional merit; the ground color is bright golden yellow, mottled with scarlet. Each 25c.

Cannells Brilliant.—Very bright crimson scarlet, of cactus form. Extra. Each 25c.

Harmony.—Quilled petals of a reddish buff color. A medium sized flower. Each 25c.

Gloriosa.—A grand variety of a vivid scarlet color. The petals are long and twisted and present a claw-like appearance. Each 35c.

W. E. Gratscheff.—A rich shade of orange buff; very large flower. Each 20c.

Model.—Curiously blended shades of buff, suffused with pink. Each 20c.

Coral.—A very handsome shade of coral red; fine cactus form. Each 25c.

Robert Cannell.—Deep rosy magenta; petals very much quilled. Each 20c.

Edel Cactus.—A grand velvety maroon. The flowers resemble chrysanthemums and are borne on long stems well above the foliage. Each 25c.

Major Haskins.—A deep glowing crimson scarlet, flowers of fine form and substance. Each 25c.

Frederic Daupais.—One of the finest varieties in the list; a bright lavender. Each 25c.

Imperator.—Flowers of a bright crimson red color. The petals are twisted to such an extent that they interlace. An extra fine sort. Each 35c.

Mrs. Harrimann.—An extra fine fancy variety; the edges of the petals are rose, shading to yellow at the center. Each 20c.

A. Schwiglenski.—Grand crimson purple of elegant cactus form; petals very much twisted. Each 35c.

Augusta Victoria.—A fine white of cactus form; flowers of fine shape and very large. Each 25c.

Amazon.—A peculiar shade of orange buff deepening to rose at tips of petals. Each 20c.

Beatrice Martin.—White, tinted pink; cactus form. Each 20c.

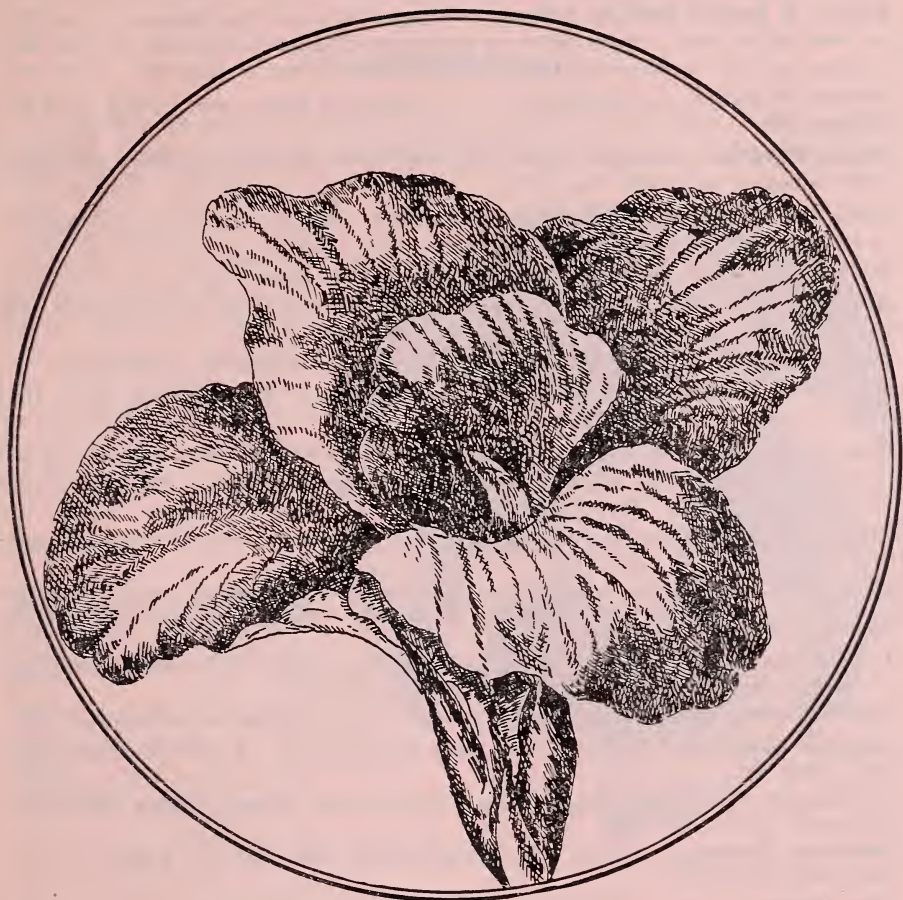
Mrs. Glasse.—A dwarf variety producing flowers in great profusion, of bright crimson maroon color, shading to scarlet. Each 20c.

Himlische.—An extra large flower of a rosy purple color. Each 25c.

Purpurfalter.—Single variety, cactus type; color crimson purple. Each 15c.

Charlotte Deegen.—A magnificent sort of true cactus form; color, canary yellow, the tips of the petals shading to white. Each 35c.

Meteor.—A large flower of a bright scarlet color. Fine for cutting purposes. Each 20c.



CANNA AMERICA (2/3 NATURAL SIZE.)

Cannas.

For tropical garden effects, flowered in masses or as single specimens, there are but few plants which combine so many good qualities as cannas, and in common with roses, carnations and other choice florists' flowers, they have, during recent times, been vastly improved, and instead of the insignificant truss of small or even minute flowers of a few years ago, we have today a glorious head of bloom with flowers six or even seven inches across resembling giant gladiolus but far surpassing them in the profusion of flowers. The set of novelties which we offer below are principally the productions of that celebrated French specialist, M. Crozy, and are unquestionably some of the grandest varieties ever placed in commerce. A grand collection, comprising one each of the following 19 varieties, \$4.50.

FRENCH AND OTHER NOVELTIES.

America.—(See cut.) The grandest of all the cannas, of the type of Austria and Italia. Flowers of immense size and of a rich shade of orange salmon, feathered and splashed with scarlet. Foliage rich bronze. Extra. Each 35c.

Howard & Smith's Seedling Yellow.—A remarkable canna with flowers of a beautiful light straw-yellow color. Plants which we sent to a well known Eastern firm on trial were pronounced superior to Blanc's "Alsace," the crack Eastern sort of this color. Each 25c.

Baronne de Poilly.—An excellent sort, of a rich orange salmon color; petals broad and flat. Each 35c.

Depute Ravarin.—A crimson variety with large flowers and borne on strong stiff stems. One of the best of this color. Each 35c.

Furst von Hohenlohe.—Clear yellow marked with a few red dots on the lower petals. At a distance the effect is nearly yellow. Extra. Each 25c.

Goliath.—An extra fine crimson with very large flowers. Each 25c.

Menelek.—The flowers of this variety are a rich Nasturtium red and extra large; the individual trusses are immense. A very fine variety. Each 35c.

Mme. Favrichon.—A beautiful satiny carmine, a rich lustrous shade. Each 25c.

Mme. Leon Leclere.—Color a brilliant scarlet, tipped and margined with yellow, after the style of Queen Charlotte. Each 25c.

Mine d' Or.—A reproduction of the well known Mad. Crozy in every particular except color, and that a grand one, being simply a clear bright canary-yellow. The finest of this shade introduced to date. Each 35c.

Leon Pepin Lehalleur.—A fine carmine red, with flowers of large size and good substance. Each 25c.

Mlle. Berat.—This variety is the nearest approach to pink yet offered and is one of the most taking colors in all the newer varieties of cannas; destined to become very popular. Extra. Each 35c.

J. D. Eisele.—Color, vermillion scarlet overlaid with orange; a magnificent variety, unquestionably one of the best of recent introductions. Each 25c.

Joseph Combet.—Brilliant, rich velvety cardinal in color; flowers of medium size. 25c.

Hortense Barbareau.—A grand cherry red of immense size. A dwarf compact grower. Extra. Each 30c.

R. Pearson.—A fine large flower having a golden yellow ground densely dotted with bright scarlet spots. Each 25c.

Secretaire Chabanne.—Flowers rich salmon, extra large and well formed. A very distinct sort. Each 25c.

Sam Trelease.—The grandest scarlet yet introduced; petals broad and overlapping, opening out perfectly flat; truss erect, borne on long stems. Its vivid color makes it a fine sort for massing or single specimens. Each 35c.

Sunray.—A very distinct and novel sort, the flowers are very large with broad massive petals and are peculiarly striped and splashed with scarlet on a golden-yellow ground. A variety of unique effect. Each 25c.

STANDARD VARIETIES.

Price 15c each; per dozen \$1.50.

Florence Vaughan.—Yellow spotted carmine. This variety is still the best of its color and has not been as yet superseded by any of the newer kinds.

Chas. Henderson.—A handsome variety of dwarf habit and dark crimson flowers. Extra.

Alphonse Bouvier.—A rich velvety crimson of rather tall growth. Very effective.

Paul Marquant.—A large spreading flower of salmon color with a suggestion of carmine in the throat.

Explorateur Crampbel.—Red, spotted crimson; a large flower and truss of bloom.

J. D. Cabos.—Rich apricot; foliage bronze. A very handsome variety.

Germania.—Scarlet edged yellow. A dwarf sturdy grower.

Mad. Crozy.—Light scarlet edged with yellow. Still one of the best.

Pansies.

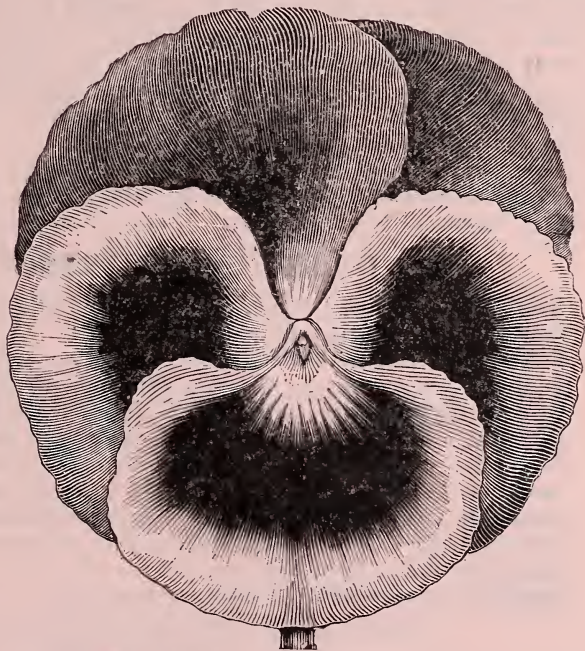
The plants we offer are grown from the seed of a noted French pansy specialist. The blooms are remarkable for their immense size, perfect form, and rich velvety colors.

Young plants, per doz 25c; extra strong, per doz 35c. A selection of all the strains offered below and several others of which we have only a limited number of plants, constituting the cream of the Giant French Pansies, exceptionally choice varieties, per dozen 50c.

Giant Black, Giant White, Giant Purple (new), Giant Golden Yellow-Stained (new).

Parisian.—A magnificent strain; mixed colors.

Bugnots.—Flowers extra large; colors rich and varied.



Violets.

The plants we offer below are fine healthy pot grown stock and can be relied upon to give satisfaction. They should be planted in a warm sunny situation; when planted in the shade they produce a rank growth of foliage and but few flowers. Give them a rich soil and plenty of water.

California.—A grand single violet with flowers of immense size and produced on very long stems. One of the most useful for cutting purposes. Per doz 50c.

Princess of Wales.—A magnificent new single violet with very large flowers which open out flat similar to a pansy; highly scented and long stemmed. Per doz 75c.

The Czar.—The old Russian violet; flowers very fragrant and a very free bloomer. Per doz 50c.

Marie Louise.—One of the best blue violets; flowers very double, freely produced and very sweetly scented. Excellent for cutting. Per doz 50c.

Swanley White.—This is the counterpart of Marie Louise in every respect except color, being pure white. Per doz 50c.

The Farquahar.—A fine new violet similar to Marie Louise but one or two shades darker, is very fragrant, and for a double violet, is produced on very long stems. Per doz 75c.

Herbaceous Phloxes.

We have a magnificent collection of these beautiful and useful plants, and call attention to the new varieties we are offering. Of late years these plants have been greatly improved in the hands of skilled hybridists, and many of the newer sorts would scarcely be recognized as phloxes by those familiar only with the old-fashioned varieties of a few years ago. In some of the later kinds the individual flowers are borne in great trusses often measuring a foot and over across, resembling gigantic Hydrangeas, but with more beautiful and varied colors. Give them a sunny situation, plenty of water and manure and you will be surprised at the results.

The following set of novelties is one sent out by a French grower; we have not, however, had sufficient time to flower them, and so give the descriptions under which we received them. Unquestionably a superb collection.

OUR COLLECTION OF FRENCH NOVELTIES.

Bacchante.—Enormous flowers, bright carmine rose and purple.

Candeur.—Pure white, extra large flowers.

Crepuscule.—Immense flowers, color bright salmon pink with a white tinted border.

Fantome.—Perfect flowers, enormous white centers entirely marked with edges of violet.

Fernand Cortez.—Large perfect flowers, color crimson bronze.

Girondin.—Semi-dwarf, large perfect flowers of rose magenta, tinted pale rose at center.

Le Madhi.—Large hemispherical trusses of beautiful form; color metallic violet blue.

Lumineux.—Very large flowers; color china rose with pale rose center; trusses large.

Parachute.—Grand blooms of a rosy-violet color with a large star-shaped white center.

Rodin.—Large flowers; color a beautiful lilac, each petal bordered with pale rose.

Suffrage.—Lilac mauve, large rose center.

Thebaide.—Perfect flowers; color a very deep red.

Single plant 25c, one of each, or the set complete, \$2.50.

Young pot-grown plants ready April 15.

STANDARD VARIETIES.

Herbaceous Phloxes.—A general collection of fine, named varieties in all shades of color. Each 15c, per dozen \$1.50.

Herbaceous Phloxes, mixed varieties.—Fine plants in well assorted colors; useful for general planting. Each 10c, per dozen \$1.

Fuchsias.

We give a list of the best varieties only. Each 15c, large plants 25c.

Phenomenal.—The largest and finest of all the double purples.

Storm King.—A giant among the double whites; a great favorite.

Mrs. E. G. Hill.—A very free bloomer; double white.

Pres. Gunthener.—Double purple, streaked with crimson; flowers large and handsome.

Puritan.—A snow-white double of medium size; a free bloomer.

Black Prince.—An excellent single flower; corolla deep crimson rose; sepals spreading.

Bulgaria.—Corolla blackish-purple, sepals scarlet; choice.

Lord Byron.—Flowers in clusters; scarlet corolla, pink sepals.

M. C. Waite.—One of the best and largest singles; corolla purple, sepals white.

Wave of Life.—A variety with golden foliage, flowers blackish-purple.

Speciosa.—A veritable gem, native of Guatemala; flowers scarlet.

Chrysanthemums.

Few flowers, if any, grace the gardens of Southern California, which yield finer results in the way of general effectiveness than the Chrysanthemum. Its rare beauty, general utility and free blooming habits make it a prime favorite for garden and lawn effects, as well as for cut flowers and indoor decorations. Our list is not only complete as to standard sorts, but contains all the latest novelties, possessing merit beyond the whims of fashion.

Any of the following Varieties, each 10c, per dozen \$1.00. Ready Feb. 1.

Etoile de Lyon.—A creamy white, reflexed, of immense size; bloom crowded with petals. Very handsome.

Eugene Dailedouze.—Deep golden yellow, magnificent in size and form, possessing all the points necessary to make an A1 flower.

Ed. Molyneux.—A handsome variety, the inside of the petals being a bright crimson, the reverse buff, the two producing a fine contrast.

Glory of the Pacific.—A very fine early pink, grand both in size and form; when fully opened it forms a flower of great depth.

Grace Henderson.—A pleasing shade of yellow; large flower with quilled petals.

Helen Bloodgood.—Deep silvery rose, very large flower and good color.

H. F. Spaulding.—Golden yellow; incurving; bloom of large size. Extra fine.

Ivory.—A snow white early flowering sort and very free.

John Salter.—This is a very old sort but in the Chinese section, to which it belongs; it still is one of the best. Color, orange red; forming when fully developed, a perfect ball.

John Shrimpton.—A greatly improved Geo. W. Childs. Color, deep velvety crimson; a dwarf sturdy grower.

L. B. Bird.—A shrimp pink with quilled petals; flowers large and double.

Major Bonnaffon.—A fine soft, clear yellow; when fully developed the flowers are globular in form.

Mrs. Robinson.—A grand white, large size, broad incurving petals; lasts well when cut.

Mrs. Jerome Jones.—A fine dwarf white, waxy in appearance, borne on long stiff stems.

Mrs. O. P. Bassett.—This is a sport from Mrs. Robinson and resembles that variety in every way except in color, which is a fine clear yellow.

Marie Louise.—A very large bloom, the center petals incurving and the outer one reflexed. A fine massive flower. Color, white.

Niveus.—Color a beautiful snow white, borne on stiff stems. One of the best.

Philadelphia.—A beautiful straw yellow, turning to a lighter shade on reaching maturity. An indispensable sort.

R. J. Gause.—An extra large spreading flower; color, orange red.

President Smith.—Bright pink, a broad petaled incurving sort and a telling color.

Queen.—One of the finest of all the whites, flowers very large and of handsome form.

Vivian Morel.—Large reflexed, light pink with silvery reverse; the best of this color.

W. G. Newitt.—One of the latest to bloom and largest whites in cultivation. Extra.

Harry Balsley.—A beautiful pink variety with broad petals, the center ones incurving and the outer ones reflexed.

White Swan.—A very large flowered sort of Japanese origin, and belonging to the Ostrich Plume section. Color, pure white. Extra fine.

Buff Hair.—Color, a telling shade of buff yellow and belonging to the same section as the preceding variety. Flowers very large.

Golden Wedding.—An extra golden yellow of immense size. One of the best of the reflexed varieties.

Yellow Prince.—A variety of great depth composed of long narrow petals which, when fully developed, build up into an immense whorled ball.

Rose Yoshike.—A pleasing shade of pink. Flowers very large and beautifully reflexed.

Mrs. George IIs.—A pure white of immense size and perfect form. Stems long and stiff. Extra fine.

Plato.—A very striking shade of orange red; flowers perfect in form and of large size.

(FLOWER $\frac{2}{3}$ NATURAL SIZE.)

Petunias.

Ruffled and Fringed Giants of California (Single).—The grandest strain in existence, gigantic in size with beautifully varied colors. During the past year we grew several hundred of these petunias from seed obtained direct from the introducer, and out of these we selected a few which proved remarkably fine, and from which we propagated the stock we now offer. Everyone with a square foot of garden should try them. Strong young plants, mixed colors, each 10c, per doz \$1.00. Ready Feb. 1.

Hender's Double Fringed.—A fine lot of strong young plants, with beautifully fringed flowers, the finest strain of double Petunias grown. Each 15c, per doz \$1.50.

Our General List of Standard Plants.

Alternanthera.—These are foliage plants of great usefulness for carpet bedding, edges of beds, etc. Being half hardy plants and therefore subject to frost, they require a slight protection during winter. We offer them in three of the best varieties, viz: *Aurea nana*, a handsome dwarf yellow; *Parychoides major*, the best marbled-red grown; *Amoena*, a bronze crimson and pink which is very attractive. Strong young plants, per dozen 25c, per 100 \$2.00.

Anemone Japonica.—The Japanese Wind Flower, blooming in autumn in great masses. Flowers pure white with a yellow center. This is one of the handsomest of all fall flowers, and is excellent for decorative purposes and for cutting. Strong young plants, each 20c; two-year-old plants, each 25c.

Amaryllis.—These are a fine lot of mixed hybrids of *Vittata*. Strong bulbs, flowering size, each 25c, per doz \$2.50.

Asparagus Plumosus.—A handsome and easily grown decorative plant with finely-cut foliage. Excellent for indoor decoration. Thrifty young plants from 3-inch pots, each 25c, large specimens from 50c to \$1.

Asparagus Sprengeri.—A new introduction in the ornamental varieties of *Asparagus* and one which has already found general favor with all who have grown it. It differs from the preceding variety in its trailing habit and the bright glossy green color of its leaves. One of the finest plants for hanging baskets or for growing in pots to place in jardineres. It lasts indefinitely and its culture is exceedingly easy. Small plants from 3-inch pots, each 30c. Specimen sizes from 50c to \$1.

Begonias (Tuberous Rooted).—Valuable for bedding in shady places or growing in pots. Each 15c; per dozen \$1.50.

Begonias (Everblooming).—Mixed sorts which include many colors and shades; excellent for hanging baskets and for planting in pots to fill jardineres; they also do well planted out in a cool and sheltered situation. Each 10c, per dozen \$1.

Begonia Gracilis.—A handsome new dwarf variety of the ever-blooming, fibrous-rooted class; the plants grow to a height of 10 inches and flower the year round. Each 15c, per dozen \$1.50.

Bougainvillea Refulgens.—A fine new variety of strong growth, and very brilliant magenta flowers. Each 50c.

Bougainvillea Glabra.—A very fine flowering sort; the bracts are lighter in color than the preceding. Each 50c.

Bougainvillea Spectabilis.—A very rapid grower, producing very large bracts of a glowing carmine purple flower. Each 35c.

Chrysanthemum Maximum.—A handsome perennial plant with large pure white flowers similar to marguerites, but more than twice as large. The flowers retain their freshness for several days if placed in water as soon as cut. Each 15c, per dozen \$1.50.

Columbines.—Strong pot-grown plants of a fine new strain. The colors are varied and flowers large. Mixed colors, each 15c, per dozen \$1.50.

Coreopsis Grandiflora.—An elegant and useful perennial with large golden-yellow flowers from 2 to 3 inches across; fine for cutting. Each 10c, per dozen \$1.

Cyclamen.—We have a grand lot of these in 4-inch pots. They are unequalled for flowering indoors, and will also do well planted in a shady situation in the open. The colors range from pure white to deep crimson. Two-year-old plants, each 35c.

Daisies.—A few large flowering varieties, producing blooms of immense size and clear decided colors. Each 5c, per dozen 50c.

Delphiniums.—These are the old-fashioned "Bee" Larkspurs which are again becoming popular, their tall flower-spikes ranging from sky-blue to deepest indigo, and are exceedingly attractive and ornamental. Young plants, each 15c, two-year-old clumps, each 35c.

Geranium.—Assorted varieties mixed. A fine selection of the best kinds. Each 10c, per dozen \$1.00.

Geranium, Gen. Grant.—This is the best bedding geranium, as it stands the hot sun without fading. Color, bright scarlet with trusses of great size. Each 10c, per dozen \$1.

Geranium, Chas. Turner.—A grand new Ivy-leaved Geranium with flowers of immense size. Color beautiful rose pink splashed with fiery crimson on the upper petals. Strong young plants, each 20c.

Geranium, Incomparable.—The flowers of this variety equal in size those of Chas. Turner; the individual blooms are very double and of a beautiful deep rich rose color. Each 20c.

Gladiolus.—We have to offer fine strong bulbs of a very large flowering strain. Each 10c, per dozen \$1.00.

Heliotrope.—Fine strong plants from four inch pots. Each 25c. Young sturdy stock from two inch pots. Each 15c.

Helianthus.—(Double). A handsome perennial of very compact habit producing large double golden yellow flowers in great profusion. Very useful for cutting. Each 20c.

Hemerocallis Dumorterii.—An elegant day lily with lemon yellow flowers and a pleasing fragrance. It blooms freely all summer. Each 25c.

Hibiscus.—Double crimson; strong plants. Each 30c. Small plants. Each 15c.

Hibiscus.—Single crimson; strong plants. Each 25c. Small Plants. Each 10c.

Hollyhocks.—Extra fine plants of Chater's prize strain. These useful old fashioned plants have been greatly improved of late years and the strain we offer is unexcelled; the flowers being very double and of extra large size. Each 15c, per dozen \$1.50. Colors; white, rose, cream shaded crimson, crimson (extra), pink.

Honeysuckle.—A very useful climber with fragrant yellow flowers, fine for covering fences, sheds, etc. Young plants, each 20c. Large plants, each 25c.

Hydrangea (Hortensis).—The well known pink colored variety. In soils containing much iron the color changes to a beautiful metallic blue. Young plants, each 15c. Larger plants, each 25c.

Lathyrus Splendens.—A grand native climber indigenous to the Peninsula of Lower California and covered during Spring with beautiful rosy crimson flowers in clusters of ten to twelve, the individual blooms much resembling those of Sweet Peas but are borne in far greater profusion. Each 50c.

Lemon Verbena.—This plant is to well known to need description. Strong plants, each 25c.

Marguerites.—Excellent for cutting. White and Lemon Yellow. Each 10c, per doz \$1.

Papyrus Antiquorus.—The true Egyptian Paper Plant, suitable for a moist sunny situation. It will not stand much frost and should be protected during severe weather. Its tall feathery appearance makes it a very ornamental plant. A fine effect may be produced by planting it in conjunction with Cannas and Caladiums. Strong young plants, each 20c. Large plants, each 35c. Extra large clumps, each 50 and 75c.

Poinsettias.—The bright scarlet bracts produced at Christmas by these render them one of the most desirable ornamental plants blooming at that season. They should be planted where there is the least danger of frost, or they may be grown in boxes and removed in doors on the approach of cold weather. Strong plants from 2 inch pots, each 15c, 4 inch pots, each 25c, 5 inch pots, each 35c.

Snail Vine.—(Phaseolus Caracalla). An elegant climber of rapid growth, well adapted for covering trellises, porches, etc. The flowers are a creamy white shaded to deep lavender which gradually changes to yellow as the flowers mature. We highly recommend this vine for general planting, it does best in a rich soil and a warm sunny situation. Large plants from 4 inch pots, each 25c. Smaller 15c.

Solanum Wenlandii.—This is one of the grandest climbing plants in cultivation, the individual flowers are about two inches in diameter and are of a beautiful French lavender produced in large clusters often 18 inches across. The leaves are a bright glossy green and make a fine contrast to the large clusters of bloom, it can also be easily flowered in pots or boxes, each 25c.

Statice Latifolia.—A very useful plant with flowers similar to Gypsophila but more lasting, and having large ornamental green leaves. Excellent for mixing with cut carnations or for general use in making bouquets, as it lends a very graceful feathery appearance. Strong two-year-old plants, each 25c; smaller, each 15c.

Thunbergia Harrisii.—A tender climber of free growth producing elegant trumpet-shaped blossoms resembling in many respects those of Allamanda Hendersonii; it does well planted out in a warm sunny position protected from the North and requires a rich soil with abundance of moisture. Color of flowers, clear lilac with a white throat, each 35c.

Tritoma.—The old fashioned Torch Lily or Red Hot Poker; a fine thing for a lawn specimen, each 25c.

Umbrella Plant.—(Cyperus Alternifolius). This is an extremely useful house plant, the easiest grown and most satisfactory plant for this purpose we know of. Strong plants from five inch pots, each 35c, smaller 25c.

Five of the Best Vegetables that Grow.

(See illustration on next page).

VENTURA WAX WONDER BEANS.—The only perfect Wax Bean. Larger and more productive than any other sort.

COUNTRY GENTLEMAN CORN.—The most delicious of all table Corns.

WONDERFUL LETTUCE.—The largest and best head Lettuce. Solid, crisp and tender.

CALIFORNIA BEAUTY MUSKMELLON.—Large size, round, well netted. Flesh thick, sweet and fine flavored.

EL DORADO TOMATO.—The handsomest Tomato grown and the best for all purposes.

SPECIAL OFFER We will send one large packet of each of the above by mail, prepaid, for 25c.

USEFUL TABLES.

Table Showing the Amount of Seed Necessary
for an Acre and the Number of Pounds
to the Bushel.

| | No. lbs. to Bu. | No. lbs. to Acre. |
|----------------------------|-----------------|-------------------|
| Red Clover..... | 60 | 12 to 15 |
| White Dutch Clover..... | 60 | 5 to 8 |
| Alfalfa..... | 60 | 25 to 30 |
| Alsike Clover..... | 60 | 5 to 8 |
| Timothy..... | 45 | 15 to 20 |
| Hungarian..... | 48 | 24 to 36 |
| Millet..... | 50 | 25 to 50 |
| Red Top..... | 14 | 20 to 30 |
| Orchard Grass..... | 14 | 28 to 42 |
| Kentucky Blue Grass..... | 14 | 28 to 42 |
| Johnson Grass..... | 25 | 25 to ... |
| Hemp..... | 44 | 30 to 60 |
| Flax..... | 56 | 28 to 42 |
| Buckwheat..... | 50 | 25 to 50 |
| Oats..... | 32 | 32 to 64 |
| Barley..... | 48 | ... to 96 |
| Corn..... | 56 | 8 to 10 |
| Rye..... | 56 | 72 to 90 |
| Wheat..... | 60 | 60 to 90 |
| Sugar Cane..... | 50 | 6 to 8 |
| Sugar Cane, Broadcast..... | 50 | 50 to 75 |
| Peas, Field..... | 60 | 90 to 120 |

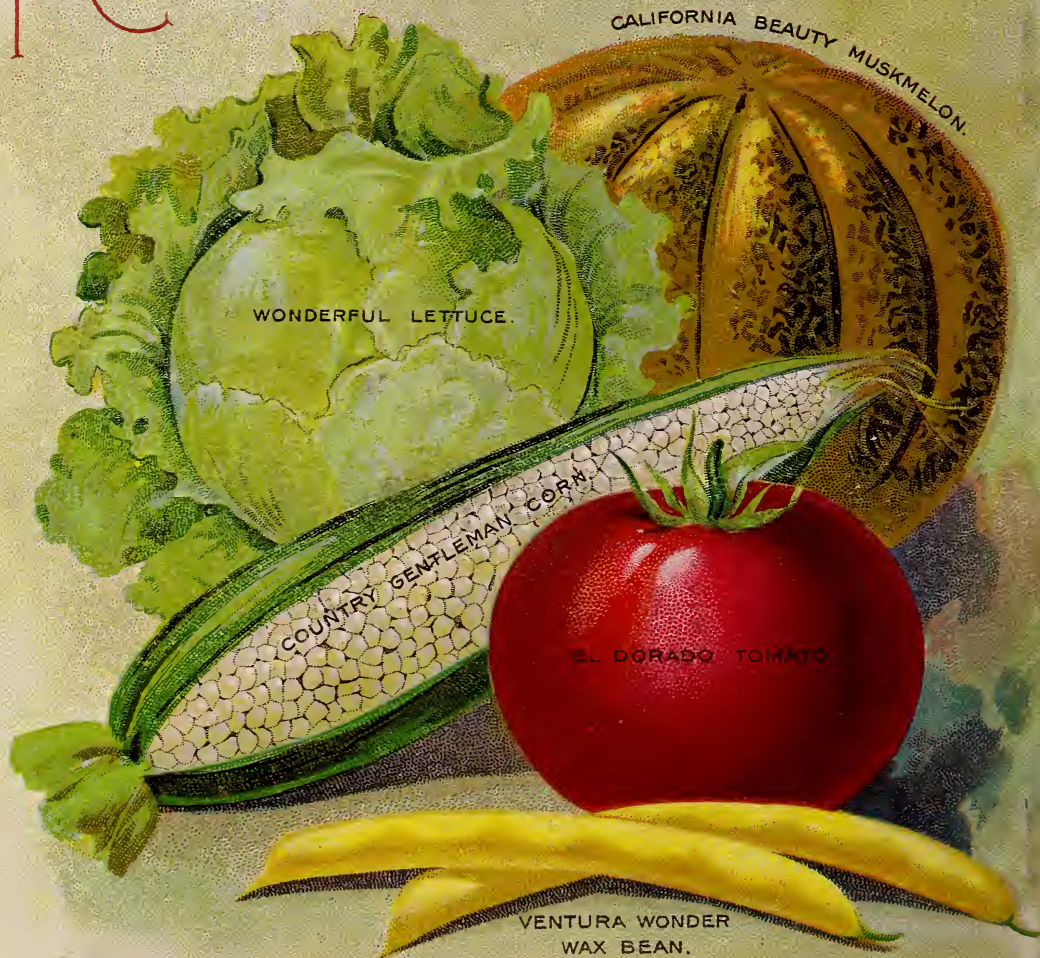
Seed Required for a Given Length of Drill.

| | | Ft. of Drill. |
|--------------------|------|---------------|
| Asparagus..... | 1 oz | 60 |
| Beet..... | 1 oz | 50 |
| Beans — Dwarf..... | 1 lb | 50 |
| Carrot..... | 1 oz | 100 |
| Endive..... | 1 oz | 100 |
| Okra..... | 1 oz | 40 |
| Onion..... | 1 oz | 100 |
| Onion sets..... | 1 lb | 10 |
| Parsley..... | 1 oz | 125 |
| Parsnips..... | 1 oz | 150 |
| Peas..... | 1 lb | 50 |
| Radishes..... | 1 oz | 75 |
| Salsify..... | 1 oz | 70 |
| Spinach..... | 1 oz | 75 |
| Turnip..... | 1 oz | 150 |

Seed Required for a Given Number of Plants.

| | | No. of Plants. |
|------------------|------|----------------|
| Asparagus..... | 1 oz | 500 |
| Cabbage..... | 1 oz | 2,000 |
| Canliflower..... | 1 oz | 2,000 |
| Celery..... | 1 oz | 2,500 |
| Leek..... | 1 oz | 1,500 |
| Endive..... | 1 oz | 3,000 |
| Egg Plant..... | 1 oz | 1,000 |
| Lettuce..... | 1 oz | 3,000 |
| Pepper..... | 1 oz | 1,000 |
| Tomato..... | 1 oz | 1,500 |
| Thyme..... | 1 oz | 4,000 |
| Sage..... | 1 oz | 1,000 |
| Savory..... | 1 oz | 2,000 |
| Majoram..... | 1 oz | 1,500 |
| Rhubarb..... | 1 oz | 500 |

CATALOGUE OF RELIABLE SEEDS.



JOHNSON & MUSSER SEED CO

113 NORTH MAIN ST.,

LOS ANGELES, CAL.